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NUMBER 1

RIPON COLLEGE BULLETIN



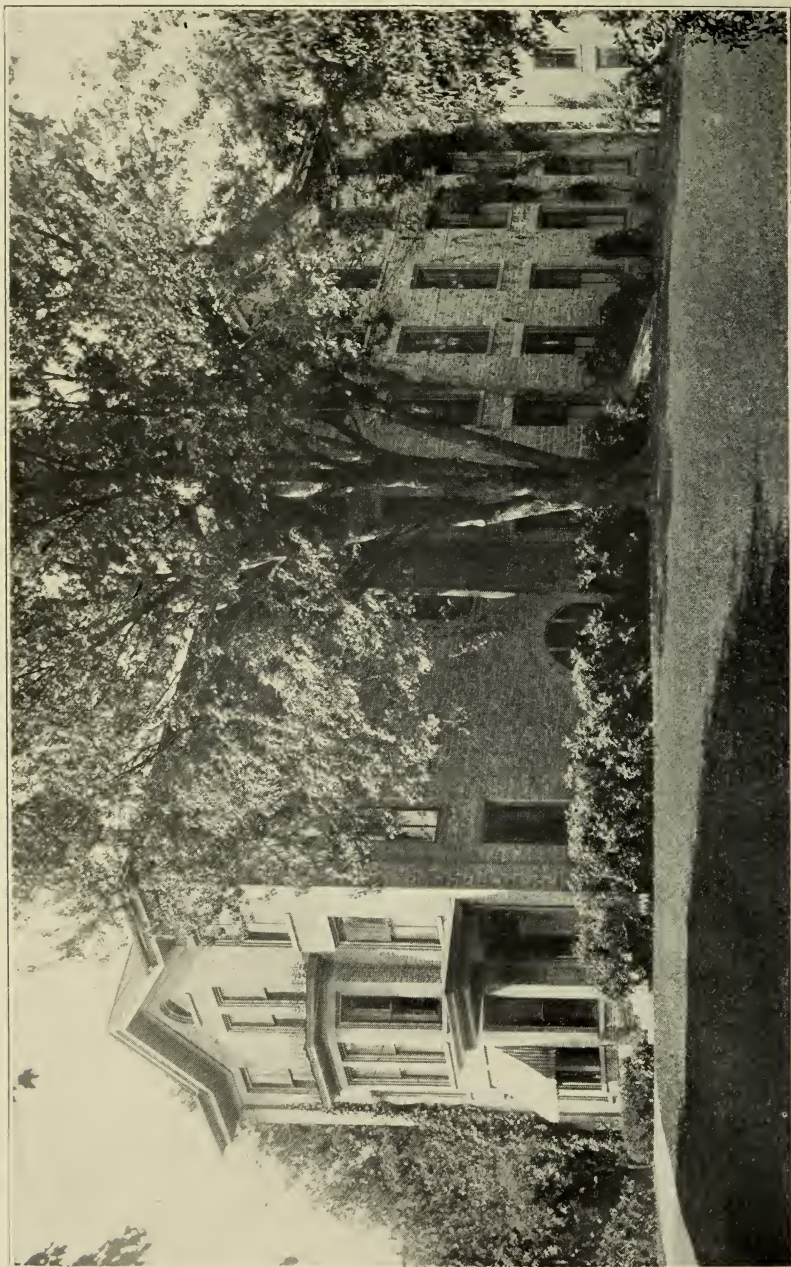
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ANNUAL CATALOGUE
OF
RIPON COLLEGE

FOR THE ACADEMIC YEAR
1920-1921



RIPON, WISCONSIN
PUBLISHED MARCH, 1921

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BOARD OF TRUSTEES OF RIPON COLLEGE

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CIVIL CALENDAR

1921

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COLLEGE CALENDAR

1921

January 3-4, Monday and Tuesday	Registration for the Second Quarter.
January 5, Wednesday, 8 a. m.	Lectures and Recitations Begin.
Feb. 22, Tuesday	Legal Holiday.
March 23-26, Wednesday, Thursday, Friday and Saturday	Examinations for the Second Quarter.
March 26, Saturday, 11:00 a. m.	Spring Vacation Begins.
April 4-5, Monday and Tuesday	Registration for the Third Quarter.
April 6, Wednesday, 8:00 a. m.	Lectures and Recitations Begin.
May 30, Monday	Memorial Day.
June 17-21, Friday, Saturday, Monday and Tuesday	Examinations for the Third Quarter.
June 19, Sunday	Baccalaureate Sermon.
June 20, Monday, 8:00 p. m.	Annual Meeting of the Board of Trustees.
June 22, Wednesday	Annual Meeting of the Alumni.
June 23, Thursday	Fifty-fifth Annual Commencement.
September 20-21, Tuesday and Wednesday	Registration for the First Quarter.
September 22, Thursday, 8:00 a. m.	Lectures and Recitations Begin.
November 23, Wednesday, 3:00 p. m., to November 28, Monday, 12:00 noon	Thanksgiving Recess.
December 14-17, Wednesday, Thursday, Friday and Saturday	Examinations for the First Quarter.
December 17, Saturday, 11:00 a. m.	Christmas Vacation Begins.

1922

January 2-3, Monday and Tuesday	Registration for the Second Quarter.
January 4, Wednesday, 8:00 a. m.	Lectures and Recitations Begin.
February 22, Wednesday	Legal Holiday.

- March 22-25, Wednesday, Thursday, Friday and Saturday --- Examinations for the Second Quarter.
- March 25, Saturday, 11:00 a.m.---Second Quarter Ends.
- April 3-4, Monday and Tuesday---Registration for the Third Quarter.
- April 5, Wednesday, 8:00 a. m.---Lectures and Recitations Begin.
- May 30, Tuesday -----Memorial Day.
- June 16-20, Friday, Saturday, Monday and Tuesday -----Examinations for the Third Quarter.
- June 18, Sunday -----Baccalaureate Sermon.
- June 19, Monday, 8:00 p. m.---Annual Meeting of the Board of Trustees.
- June 21, Wednesday -----Annual Meeting of the Alumni.
- June 22, Thursday -----Fifty-sixth Annual Commencement.
- September 19-20, Tuesday and Wednesday -----Registration for the First Quarter.
- September 21, Thursday, 8:00 a. m. -----Lectures and Recitations Begin.
- November 29, Wednesday, 3:00 p. m., to December 4, Monday, 12:00 noon -----Thanksgiving Recess.
- December 13-16, Wednesday, Thursday, Friday and Saturday -----Examinations for the First Quarter.
- December 16, Saturday, 11:00 a. m. -----Christmas Vacation Begins.

1923

- January 2-3, Tuesday and Wednesday -----Registration for the Second Quarter.

RIPON COLLEGE

Historical Sketch

The first building in what is now the City of Ripon was erected in the summer of 1849. Two years later the citizens made an effort to found a literary institution of a high order. For this purpose Captain P. Mapes, who believed that no model town is complete without a college, donated a square acre on the highest point of College Hill and the building of the institution out of which Ripon College grew was begun. Subscriptions to the amount of eight hundred dollars were secured, which were payable in goods, lumber, labor, lime, or any commodity then current. There was little money but much hearty good will, the spirit of which was shown when the leader of the enterprise, seeing that the need was pressing, gave his gold watch to advance the work.

During the summer, however, the enterprise was delayed for want of funds, but was taken up again when Mr. William S. Brockway subscribed about three hundred dollars, the amount necessary to put a roof over the walls already erected. In recognition of this gift, which at the time was regarded as munificent, the college was named Brockway college. It bore that name until 1864, when, by act of the legislature, the name Ripon College was substituted.

Looking about for some religious denomination to take up the work of the college, the trustees proposed in 1857 that the Winnebago District Convention of Presbyterian and Congregational Churches assume one-half the debt and complete the college building. The Board offered to convey the entire property to the Convention when they should meet the conditions. But the churches could assume no additional burden at that time. So they appealed to Reverend J. W. Walcott, a member of the Convention, to assume the work of the new college and hold it for the Convention until the churches should be able to take it off his hands. After various negotiations the arrangements were made, Mr. Walcott purchasing from the trustees the entire property.

From the time of its opening until 1855, the institution was under the management of Reverend J. W. Walcott. On February 21, 1857, Mr. Walcott deeded the property back to the Board of Trustees, they securing him for the claim of six thousand nine hundred and seventy-seven dollars by a mortgage of the entire realty. The deed recognized the right of the Winnebago Convention to nominate candidates to fill vacancies in the board. The campus conveyed in this exchange embraced about nine acres. It has been increased considerably since then. The dormitory building, completed in 1855, was not ready for occupancy until the latter part of the autumn of 1858. The years from 1858 to 1862 witnessed serious struggles in the life of the young college. For a time during this period the building and grounds were used for the purposes of the war, and many of its faculty and students saw actual service in the Union armies.

On April 23, 1863, the Reverend William E. Merri-
man, a graduate of Williams College, and of Union
Theological Seminary, a popular preacher and an ac-
complished scholar, then pastor of the Presbyterian
Church at Green Bay, was elected to the presidency of
the college. The appointment of Mr. Merriman marked
an epoch in the history of the institution. In this year
the first college classes were formed. The obstacles
which confronted him were extraordinary, but he ex-
hibited at once a power to overcome them, no less
extraordinary. His Christian consecration and his en-
thusiasm were complete, not permitting him to miss
any opportunity to do effective work for the college, or
for intellectual and spiritual uplift among students and
people. Although the institution had at this time no
endowment, and only one professor besides the Pres-
ident, it soon took a place of moral and intellectual
leadership. Under the direction of the new President,
the College grew rapidly and substantially, the number
of students more than doubled, new buildings were
added, and the College was admitted to membership in
the Society for the Promotion of Collegiate and The-
ological Education in the West. This last accomplish-
ment was of far-reaching consequence, freeing the in-

stitution from obligations to the Winnebago Convention, and placing it on a much firmer financial basis. In addition to this a large sum was added to the endowment; but, above all, the College, through this action, became recognized in the fraternity of colleges. In 1874, Dr. Merriman was given a leave of absence on account of ill health, and his active work as head of the College practically ended with that year. In this administration, remarkable in every sense, much was accomplished for the College in a material way, but more important than this was the fact that under the guidance of this strong and simple man, the true spirit of the institution was established.

The administration of Edward Huntington Merrell began in 1876, and continued until 1891. During his administration the general policy of the College as to intellectual and moral aims and spirit, as well as that relating to economy, was maintained. Four new buildings were added; large additions were made to the library; chemical and biological laboratories were established; East College was rebuilt; grounds for athletic sports were purchased; and the endowment funds were about trebled.

In 1892 Reverend Rufus Cushman Flagg, D. D., was elected President. Mr. Flagg was a graduate of Middlebury College and of Andover Theological Seminary. A man of scholarly attainments, breadth of judgment, and solicitous temper, he was received with great heartiness by all members of the faculty and by the students and friends of the College.

President Flagg was succeeded in 1901 by the Reverend Richard Cecil Hughes, D. D. During his administration a complete renovation of the College buildings was made. The dormitories were entirely transformed and modernized. Smith Hall, as the result of a gift from Mr. Elisha D. Smith of Menasha, was remodeled, and, by means of gifts from alumni, the College Commons in West Hall was finished. Dr. Hughes inaugurated a new day for the College. Through his influence Ripon College credits became recognized by the University of Wisconsin. He was the first of the Wisconsin college presidents to obtain such concessions.

In September, 1910, Silas Evans, D. D., LL. D., a graduate of Ripon College in the class of 1898, was elected to the presidency. He resigned on August 1, 1917, to become president of Occidental College, Los Angeles, California. During the seven years of Mr. Evans' administration the College prospered as it had never done before. The outlook of the institution was optimistic and progressive. The faculty was greatly strengthened and the curriculum broadened to meet the new demands of a bigger institution. The pulse of the College was quickened and a true spirit of intellectual alertness prevailed.

In 1918 the Reverend Henry Coe Culbertson, D. D., LL. D., assumed the duties of the presidency. Dr. Culbertson came to Ripon after having served successfully as president of the College of Emporia for a period of ten years. He resigned January 1, 1921.

General Information

Location

Ripon College is situated at Ripon, Wisconsin, on the Chicago and Northwestern, and the Chicago, Milwaukee and St. Paul Railways, about twenty-two miles west of Fond du Lac, and about seventy-five miles northwest of Milwaukee.

The city of Ripon is one of the most attractive places in the state. It is a residential city with a population of about five thousand people. It is supplied with electricity, gas, waterworks, and other modern conveniences. The scenery is beautiful and the climate healthful. The grounds occupied by the College are excellently located, commanding an extensive view of the surrounding country.

An institution educating masses of students needs every possibility for the maintenance of health. The location of Ripon College at once commends itself. It is supplied with deep spring water, and allows of perfect sewerage. Furthermore, the College is located in a small, beautiful city, with a surrounding country of rare beauty and fertility.

Origin

The institution out of which the present Ripon College grew was incorporated January 29, 1851. Brockway College, as the first foundation was called in honor of one of its benefactors, was a development from the Lyceum of Ripon, which was founded November 23, 1850. In 1864 the name Ripon College was substituted by act of the legislature. The first college classes were organized in 1863. From the first the College has been under the control of a self-perpetuating Board of Trustees. While the College is entirely free from ecclesiastical control, the founders and most active early friends of Ripon were chiefly Congregationalists and Presbyterians. It has always had the warm support of various Christian bodies, and from others who have appreciated the importance of its services in training for efficient citizenship.

Purpose

Ripon College is a Christian college representing the ideals for which the New England colleges were founded, and is adapted to the needs and spirit of the West. It seeks to emphasize the importance of a liberal education, and offers a course of study designed to develop men and women and to put them in possession of all their powers, physical, mental, moral, and spiritual, rather than to equip them with technical training for a specific calling. It is interested both in those who desire a full four years' college course and in those who require two years or more of college preparation for the professional schools at the universities.

The College is especially concerned with the moral welfare of its students. It strives to present a genuine Christian atmosphere and to have all of its influences count for the development of strong and well grounded character. Being independent of all ecclesiastical or state control, it is free to adopt such educational policies as in the judgment of its own officers are best adapted to serve the ends for which this type of college stands.

Standards

During the sixty-nine years of its existence it has held to significant ideals; it has laid the foundation of

its educational policy upon the rock-bottom principles of integrity, of hard work, of manly and womanly character. With these purposes always in mind, Ripon has advanced in prosperity and growth and has kept its place steadily with the best institutions of the country.

The Carnegie Foundation for the Advancement of Teaching placed Ripon College on its first list of approved institutions without requiring any change in standards of scholarship or in administrative policy. Ripon is one of the seventy colleges and universities to enjoy the benefits of the Carnegie Foundation today.

Ripon College is endorsed by the General Educational Board, sometimes called the Rockefeller Foundation, whose requirements of educational efficiency are of the highest. This Board has repeatedly contributed towards the permanent endowment funds of the College.

Ripon College is also fully accredited by the Association of American Universities; by the North Central Association of Colleges and Secondary Schools, and by the Association of American Colleges. Ripon is one of the eighty-five colleges and universities in the country on the accepted list of the Association of Collegiate Alumnae.

The Faculty of the College is composed of thirty men and women who have been chosen particularly for their ability as teachers and their power to influence the character of the students in their classes. The Ripon faculty works in sympathetic touch with the ambitions and needs of youth. The student is made to feel that his teachers are his personal friends and his best guides. All the heads of the departments at Ripon have done extensive graduate work in American or European universities and have had valuable experience in the teaching profession.

Democratic Spirit

Costly customs and extravagances are inconsistent with good scholarship and proper training for life. Ripon College sanctions a liberal and varied social life, but the social customs and traditions of the College do

not encourage the squandering of time and money. The spending of money is not a concern of cash only, but it has a deep relation to the development of character. A true spirit of democracy is developed by the College Commons where students gather together for the common meal, the board being good under expert management, and given at cost. Dormitory and club life help to promote the wholesome and unique spirit of democracy which is so manifest at Ripon College. Every man is rated at what he is worth, not in name, or money, or past deeds, but in his actions of today. He must make his individual stamp on undergraduate life, he must contribute something besides his reputation if he is to become a part of the institution.

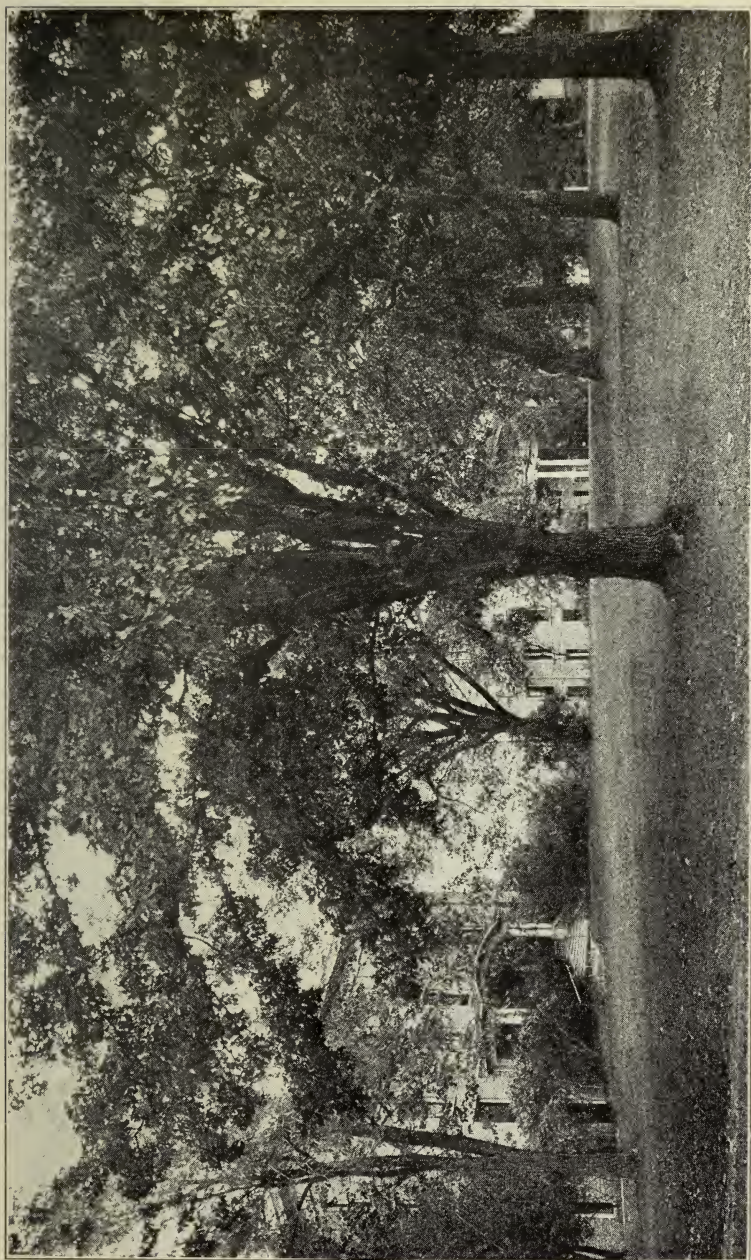
Religious Life

Ripon College is a Christian institution. It is non-sectarian, however, in management. Founded in prayer and sacrifice, sustained for all its best services in the Christian spirit, the administration of the College is clear in the conviction and program for Christian life and ideals as an essential reason for the very existence of the College. The aim is to have the simplicity of Christian principle permeate the entire study and life of faculty and student body.

Church attendance is strongly encouraged. The College earnestly asks that parents and home pastors co-operate with it to secure church loyalty. On entrance into the College the student names the church of his preference. Lists are given the local pastors who welcome the students of their group and care for their church interests. Bible courses are given at various church schools at the regular Sunday School hour, taught by members of the College faculty. These classes have the size and spirit which make them popular and profitable.

College chapel service is central to the college life. It is held four days in the week.

Sunday Vesper service is held once each month in the Congregational Church in order that citizens and students may have the opportunity of hearing the prominent ministers and laymen who are secured to speak.



WEST HALL AND SMITH HALL ON THE WESTERN CAMPUS.

Watchful care is taken to simplify and deepen the moral and religious life. The Christian Associations meet this need in their religious services, their social events, their welcome and plans for the new students. The church young people's societies are popular. Curriculum Bible study is conducted in the Christian motive as well as in scholastic requirement. Special Study groups are organized under faculty members.

Advantages

The chief advantages of Ripon College may be summed up as follows:

First. The situation is admirable. The Green Lake section of the state, in which Ripon is located, is unsurpassed for beauty and healthfulness.

Second. The campus is ideal. The buildings are modern in construction, and are well adapted to the purposes for which they were intended.

Third. The expenses to the student are exceptionally low. The total cost of room, board, and college fees may be kept below three hundred and seventy-five dollars a year.

Fourth. The spirit of the College is democratic. The College Commons does much to foster this spirit.

Fifth. The personal contact between professors and students is close. The student is made to feel at home. His teachers are his personal friends and his best guides.

Sixth. The idea of a liberal education is exalted. Ripon College is not a technical school. It aims, however, to prepare for the work of the professional courses. It stands for the training that produces cultured men and women.

Seventh. The ideals of the College are high and the traditions noble. Good work and good character are honored by the students as well as by the faculty.

Eighth. The teaching corps is efficient, and the course of study is sufficiently broad to meet the needs of all students who desire a college training.

Grounds and Buildings

The campus proper is situated in the western part of the city, on an elevation of land containing about

twelve acres. The middle of the elevation is nearly circular, about one hundred yards in diameter, smooth and level, and has an altitude of over thirty feet above the surrounding country. Upon this hill stand five of the College buildings. The others are conveniently located at the foot of the hill. The College is also fortunate in possessing an excellent athletic field, which affords ample space for baseball and football. It also contains a quarter-mile cinder track.

Ingram Hall

A three-story brick building with stone trimmings, was completed in 1900 and named after one of its principal donors, Mr. O. H. Ingram of Eau Claire. It is the main lecture hall of the College, and contains the College Library. On the first floor are situated the offices, the lecture-rooms and laboratories of the departments of Biology and of Physics, the office of the Registrar, and the stack-room of the Library. The second floor is occupied by lecture-rooms, and by the reading-room and office of the Library. On the third floor are the Chemistry laboratories, the lecture-rooms of the department of Philosophy and Education and of Economics and Sociology.

East College

The first permanent building was completed in 1855. Formerly it was used chiefly for dormitory purposes. Later it was remodeled and now contains the administrative offices of the College, the Chapel, the studios and practice-rooms of the School of Music, and the quarters of the Young Men's and Young Women's Christian Associations. The building is a three-story, stone structure. It was originally fifty feet square, but the addition of a spacious wing to the west side has made it about twice its original size.

Middle College

Now known as Smith Hall, in memory of the late Elisha D. Smith, was opened as a dormitory for men in 1903. It is a four-story, stone building. It is finished throughout in hardwood, is heated by steam, and lighted by gas and electricity, and is thoroughly equipped throughout. Some of the suites are arranged

for two students, and consist of a central study with a bedroom and wardrobe on each side. Others are arranged for one occupant, and consist of a single study, bed-room, and wardrobe. The dormitory accommodates forty-eight men.

West Hall

West Hall, which contains the College Commons, is a stone structure eighty by fifty feet and four stories high. By means of funds provided by the alumni, the first floor has been made into a thoroughly equipped modern dining-room. The dining-room is large, finished in oak, well lighted, and provided with two open fireplaces. The second and third floors of the building are used as a dormitory for thirty men, and are equipped in the same thorough manner as the rooms in Smith Hall. On the second floor is an attractively furnished reception room.

Duffie Hall

Duffie Hall, a dormitory for men, is situated just south of the lower campus, on the corner of Woodside Avenue and Seward Street. It was formerly the residence of Mr. George C. Duffie of the class of 1868. It is a handsome house of stone, connected with the central heating plant, and provides pleasant accommodations for eighteen men. Through the kindness of Mr. Duffie the home came into the possession of the College in 1918 and is named in his honor.

Sanford Hall

The unusually large enrollment in the fall of 1919 necessitated the finding of additional dormitory accommodations for the men. This problem was partly solved by the purchase of the Sanford residence. Conveniently located, this dormitory provides pleasant and comfortable rooms for eighteen men.

Merriman Hall

In the fall of 1920 the College came into possession of Merriman Hall, another dormitory for men. This dormitory is situated at the corner of Ransom and Blossom Streets, just opposite East Building. For some years this was the residence of Dr. F. A. Ever-

hard, and later of Dr. C. U. Senn, from whom the home was purchased. This building makes a pleasant and convenient dormitory for eighteen men.

Woodside Hall

Woodside Hall is another dormitory for men. It is situated on Thorn Street and was formerly known as the Bowen residence. Through the kindness of one of the members of the Board of Trustees, the College has the use of this home, which accommodates a group of twenty men.

Bartlett Hall

This dormitory for women is a four-story, cream brick building. It was named in honor of the late Sumner Bartlett, of Oshkosh, and is situated at the southwest corner of the campus. It is finished in hardwood, is steam heated throughout, and is supplied with hot and cold water. The suites for students consist of a study, bedroom, and wardrobe. The building accommodates thirty-nine women. It is one of the most convenient and attractive college dormitories for women that can be found.

The Mary C. Harwood Hall

Another dormitory for women was purchased in 1916 and named for the late Miss Mary C. Harwood, Dean of the Women and Professor of French and German in Ripon College, 1895-1914. The building is a three-story structure, located a block from the campus, on the corner of Woodside Avenue and Thorn Street.

Parkhurst Hall

The first president of the College, Dr. Merriman, built for himself a large brick house, just south of the College campus. The house is now the property of the College, and for a number of years, until the fall of 1919, was used as the residence of the President of the College. It is now used as a dormitory for sixteen women, for which purpose it is admirably adapted. The Hall has been named in honor of the late Mrs. C. C. Parkhurst, a good friend of the College and grandmother of Miss Shirley Farr, a member of the Board of Trustees.

Lyle Hall

Through the gift of Mrs. Alice Adams Meyer, a graduate of Ripon College in the class of '82, the College came into possession of another fine dormitory for ten women. This beautiful three-story brick building is situated on the corner of Woodside Avenue and Oak Street, two blocks south of Bartlett Hall. This property was acquired by purchase from the estate of the late W. R. Lyle, and at the request of the donor, Mrs. Meyer, the dormitory bears the name of "Lyle Hall." This dormitory accommodates fifteen women.

The President's House

Through the generosity of Miss Shirley Farr of Chicago, Vice-President of the Board of Trustees of Ripon College, the very commodious home on the corner of Thorn and Ransom Streets became the residence of the President. The home is convenient to the campus, and is well adapted to the needs of a president's family

Scribner House

This property, situated on Woodside Avenue, came into the possession of the College in the spring of 1920. It is occupied by the Dean of the College.

Athenian Hall

The old Chemical Laboratory, vacated when Ingram Hall was completed, has been remodeled for other purposes. The two main rooms have been turned into one large hall. The hall is supplied with a stage and is available for band rehearsals and social affairs.

Dawes Cottage

Dawes Cottage offers additional dormitory room for eight men. It is a comfortable frame building, convenient to the College campus. The engineer of the College also has his home here.

The Birthplace of the Republican Party

On the southwest corner of the campus stands a small white school house which bears the following inscription: "Birthplace of the Republican Party. In this school house March 20, 1854, was held the first

mass meeting in this country that definitely and positively cut loose from old parties and advocated a new party under the name Republican."

This school house was originally built on a triangular piece of land just north of where the present Ripon high school building stands. Several years later it was moved eastward to the corner of Houston and East Fond du Lac streets and was converted into a dwelling. During the early part of the year 1908, the property was offered for sale. Through the efforts of the Ripon Historical Society, the City Council and the Commercial Club, the property was purchased and the building moved to its present site on the College campus, where it is being preserved as an historical relic, and used as a museum of natural science.

Central Heating Plant

A complete central heating plant has been installed. The system has resulted in increased comfort in the buildings, and in a large saving in cost. The steam supply pipes connecting the various buildings with the boilers, are so thoroughly insulated in the conduits that the waste from radiation is reduced to a minimum. The boilers carry high-pressure steam, and there is room in the boiler house for installation of dynamos for the production of light and power.

The Gymnasium

The Indoor Athletic Field is of the best type of gymnasium architecture, and offers many unusual advantages for physical training and development. The gymnasium has a hard-wood floor, one hundred twenty-four by seventy-four feet, for basketball, indoor baseball, tennis, and such games. This affords sufficient space for early spring training in all track and field sports, and for football and baseball, when the weather prohibits the use of the Ingalls Athletic Park. The South section of the building contains the showerbaths, rubbing and drying rooms. The building furnishes a convenient place for public intercollegiate athletic sports.

The plans for the completed building include two wings. They will contain all the essential features of

a modern gymnasium. The first floor of the men's section will be equipped for college club-rooms. The second floor will contain the gymnastic apparatus for calisthenics. The women's section will be similar, having club-rooms and upper floor gymnasium. Each of the wings will be ninety by fifty feet.

Library

The College Library occupies large central rooms on the first and second floors of Ingram Hall. The main reading-room is on the second floor, and there is also a reading-room on the first floor in connection with the stack-room.

The library, according to the latest accession number, contains 28,591 volumes, exclusive of pamphlets, of which there are about 3,343. The aim of the College in the library has been to get the best books by the best authors. The result is an excellent working library, containing standard editions, critical works, books of reference, and bound periodicals. The number of the latter was increased by one hundred and thirty-three volumes through binding during the past year.

In addition to the library and reading-room facilities on the campus, students have access to the city library, now in the new Carnegie building, one block from the campus. The college library and the city library are largely supplementary, the former being strong in works of reference, the latter naturally furnishing books of more general interest. Both are open with a uniform rule to students and citizens.

The department of Religious Education has a good collection of appliances for modern religious education, including the leading graded text-books on the Bible, complete sets of the Tissot and Wilde pictures and those of the Presbyterian Board, and numerous books and other materials of value to those engaged in Sunday School work, or preparing for it. The department provides actual work in selecting and preparing materials for the various grades, and in teaching classes in a thoroughly graded school.

Opportunity is open to students, who wish to learn library work or purpose becoming librarians, to do

practical work in the College Library. An apprenticeship of one hundred hours is served, after which the student receives financial remuneration.

The library is maintained in part by the income of a special gift for the purpose from Mr. Andrew Carnegie. The library contains the following collections:

THE HARRY D. CLARK COLLECTION. The interest of a fund raised by the class of 1898 as a memorial to their deceased classmate, Harry D. Clark, is available for the purchase of books. There are at the present time 318 volumes in this collection.

THE BENJAMIN FRANKLIN THOMAS COLLECTION. The Thomas scientific library of physics was willed to the College Library by the late B. F. Thomas, of the class of 1874. Dr. Thomas was Professor of Physics at Ohio University. There are about 400 volumes in this collection.

THE MARY C. HARWOOD COLLECTION. The modern language library of the late Miss Mary C. Harwood was presented to the College Library by her sister, Mrs. H. A. Harwood. Miss Harwood was Dean of Women and Professor of French and German at Ripon from 1895 to 1914. There are 744 volumes in this collection, including 100 volumes which have been put into suitable library binding through the kindness of Miss Shirley Farr.

Other collections in the library are: The Clarissa Tucker Tracy Collection (71 volumes); The Ripon Oratorical Union Collection (30 volumes); The Delta Phi Sigma Collection (10 volumes), and the Dr. Edward Huntington Merrell Collection (161 volumes).

Laboratories

THE DEPARTMENT OF BIOLOGY occupies the east end of the first floor of Ingram Hall. There are three laboratories, arranged to take advantage of the north light for microscopical study, as far as possible. The largest of these is used for the work in the elementary courses and is well equipped with compound and dissecting microscopes available for student use. The other two laboratories are used, the one for bacteriology and embryology, the other for histology and

physiology. These are fitted up with microtomes, paraffin oven, still, incubator, refrigerator, autoclave, steam and dry air sterilizers, and such special apparatus as is necessary in carrying out experimental work in physiology. All of the laboratories are fitted with electricity, gas and running water. Besides the laboratories the department has a vivarium and injection room with a dark-room in the basement. The apparatus is kept in good condition and is available for student use when necessary. Additions are made from time to time in order to keep pace with the strides of the biological sciences.

THE DEPARTMENT OF PHYSICS occupies the west end of the first floor of Ingram Hall and the southeast corner of the basement. This part of the building is particularly free from disturbances, well lighted, and admirably adapted for a physical laboratory. Every room is provided with water sinks, gas and electric light connections, and electricity from a bank of storage cells located in the basement. Four slate-capped piers of masonry rising from deep in the ground serve for experiments requiring unusual stability. A large and convenient dark room, complete in its appointments, is provided for work in optics, photometry and photography. This is an interior room and also serves for a constant temperature room, as the building is heated by steam with thermostatic control.

The laboratories have all been remodeled and during the past few years newly equipped with the best grade of physical apparatus.

The aim of the department is to present the subject of Physics as a science of exact measurement, with particular emphasis on the physical principles involved. Consequently, the apparatus found in this laboratory has been selected with special reference to its ability to yield accurate results in the hands of average students. The equipment for courses in general physics, optics, heat, and electric measurements is unusually complete, meeting all the demands of a thorough course in each of these subjects. Every student in the laboratory receives the personal attention of the

head of the department, and is continually in receipt of instruction and suggestion by personal contact, which is the most valuable way in which information can be given.

THE DEPARTMENT OF CHEMISTRY occupies the third floor of Ingram Hall; it has a large lecture-room, with a stock-room in close connection. The stock-room is conveniently arranged for chemicals and apparatus. Across the hall are the office library and balance-room, and the laboratories for general chemistry, qualitative, and quantitative analysis. There are also laboratories for organic chemistry and for private research. All laboratories are supplied with hoods and with individual desks, and each desk is furnished with lockers, gas and water. The lecture-room has every facility for demonstration, and the department is well equipped throughout.

Museum

Although the College has no adequate quarters for a museum, it possesses some important collections. These are exceedingly useful for illustrative purposes in connection with regular class work. It is hoped that a suitable building may be provided for these collections in due time, thus making them available for more general inspection. The collections include the following:

BIOLOGICAL COLLECTIONS. The College is fortunate in having a very creditable number of invertebrate and vertebrate forms. This collection is available for student use and adds materially to the scope of the courses in the Department of Biology. In addition to the above mentioned collection, the Congdon collection of birds' eggs has been secured by the College. These eggs were collected by Russell T. Congdon of the class of 1903 in Wisconsin and Canada. They were secured by the College together with his collection of the birds of this region, and add materially to the value of the exhibition.

ARCHAEOLOGICAL COLLECTIONS. The departments of Latin and Greek possess an unusually fine collection of archaeological material. There are several thousand

carefully selected photographs and slides, illustrating Greek and Roman history, geography, life, and art. There is also a small but carefully chosen collection of antiquities of special interest to students of the classics. There are 250 Roman coins of the most important reigns of the Empire; more than fifty terra cotta lamps illustrating all the types, many of which are figured; Etruscan, Greek, and Roman vases, dating from 750 B. C. to about 300 B. C.; bronze fibulae, keys, letter stamps, bone stili, spoons, dice, etc., several fine specimens of glass from Greece and Italy; inscribed amphora handles, and numerous other articles connected with the daily life of the ancient Romans.

THE BARBER COLLECTION OF MINERALS. The nucleus of this collection was given to the College by the Reverend George W. Barber. This is supplemented by the New Orleans Collection, from the New Orleans Exposition; and by the Armstrong collection of 500 minerals and rocks.

In addition to these collections is the "Educational Series of Rocks," furnished by the United States Government, and several valuable specimens from the mining regions of Wisconsin and Michigan.

Medical Adviser

Appointment is made by the College of a medical adviser, who aids the Dean and the Physical Directors in conserving the health of the students. If at any time, in the judgment of the Dean or the Physical Directors, any student seems in need of a physical examination or medical advice, he may be sent to the Medical Adviser, who performs these services without charge to the student and reports to the Dean. If the student is found to be in need of medical attendance, he is notified by the Dean to secure it at his own expense, from whatever source he may desire. If in the opinion of the Medical Adviser the condition of the student is such as to necessitate his leaving college, his parents are notified to this effect. Dr. J. S. Foat, a graduate of Ripon College and a physician of wide and successful experience, is at present medical adviser.

Physical Education

For Men

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. It is provided with lockers, hot and cold water, shower baths, rubbing and drying rooms.

The Gymnasium is in charge of a professional director. The training and exercise are under the immediate oversight and authority of the director, and are directed wholly with the view to the healthful development of the student. All young men are required to be examined by the director of physical culture, and exercises are prescribed for correcting physical defects, with specific directions in regard to diet and bathing.

By placing the gymnasium work under the care of a thoroughly-trained specialist, who is a regular member of the college faculty, physical training has been developed to a degree of efficiency, under the best possible conditions.

For Women

Excellent gymnasium facilities are provided for women. The training and exercise are under the direction of a woman who is an expert in this line of work. A physical examination is made of each student by the medical adviser and the physical director. The work consists of systematic exercises for the development of all parts of the body. The aim is to develop in all students the physical qualities of organic vigor, neuromuscular skill, correct posture, and graceful actions; and such traits of character as courage, confidence, and sound judgment. It also teaches the capabilities, limitations, and control of the body. Special attention is given to recreation activities for relaxation from mental work. During the fall and spring the work is carried on out of doors when the weather permits.

Athletics

The College encourages outdoor athletic games among the students. To encourage as many as possible to participate, interclass and dormitory games are arranged. The College is a member of the Wiscon-

sin Intercollegiate Athletic Association and all games are played under its rules. General supervision of all athletic interests of the College is now vested in a committee, consisting of the Dean of the College, the Director of Athletics, a member of the Board of Trustees, and the Captain and Manager of the sport concerned. This committee formulates all rules, appoints managers for the various teams, and is responsible for the athletic policy of the College. All contracts for games are made by authority of the committee, witnessed by the signature of the Dean.

The Indoor Athletic Field offers many unusual advantages for early spring training in all track and field sports, and for baseball and football when the weather prohibits the use of the Ingalls Park. It has a hardwood floor, one hundred twenty-four by seventy-four feet, for basketball, tennis, and such games. There is only one other regulation college basketball floor in the state—that at the University of Wisconsin. The building furnishes a convenient place for public intercollegiate athletic sports.

Ingalls Athletic Park is well adapted to the special purposes for which it is used. The gridiron is level and of even, firm turf. The diamond is smooth and suitable for college games. The running track includes a full quarter mile.

Football and basketball are among the most popular college sports at Ripon and the games arouse an enthusiasm in which the whole college shares. As a rule fully one-third of the men in Ripon try for the teams, and stay for work whether they make the first team or not. Ripon's record in these sports is very gratifying both to students and alumni.

Military Science and Tactics

Students who enroll in the R. O. T. C. do so for a period of two years; and then if they are selected by the Professor of Military Science and Tactics for further training, with the approval of the President of the College, they may enroll for two more years' training. The first two years' training is the Basic Course and the second two years' is the Advanced Course.

Students who take the Advanced Course are required to attend a Summer Training Camp for six weeks at the end of the third year of military training.

When a student has satisfactorily completed four years of work in the Military Department, he is recommended for a commission in the Officers' Reserve Corps. After having been appointed as a Reserve Officer he is liable to call from his civil pursuits to military command in the event that the country is forced into war.

Compensation to Members of R. O. T. C.

Senior Division

I. At the beginning of each academic year every R. O. T. C. student will receive:

1 Coat, wool O. D. ----	\$ 9.79	2 Collar Ornaments ---	.07
1 Breeches, wool O. D. -	6.32	1 Cap Ornament -----	.35
1 Shoes, russet, pr. ----	6.57	1 Belt -----	.23
1 shirt, wool -----	3.50	1 Necktie -----	.22
1 Leggings, spiral, pr.---	2.20	Chevrons -----	.57
1 cap -----	.95		
		Total -----	\$30.45

II. During the Advanced Course each student will receive commutation of rations, the exact amount based on the cost of the Regular Army Ration the Secretary of War annually prescribes. For the year 1920 the commutation of rations amounted to 53c per day.

111. Cost of transportation to and from Summer Camp, rations while there, complete uniform, and for Advanced Course students. payment of \$1.00 per day.

IV. Each Basic Course student will receive, yearly, uniforms, valued at \$30.45. Each Advanced Course student will receive, yearly, uniforms valued at \$30.45. Commutation of rations (based on 1920 allowance) \$143.10. Rations at Summer Camp for six weeks. Use of new uniform and equipment, and \$1.00 per day for 42 days (length of attendance).

V. Equipment furnished by the Government for training purposes requires a large bond, which is furnished by the College.

Junior Division

The members of Junior Division are on the same basis in respect to the above items as the Senior Division, except that no commutation of subsistence, other than in the summer, will be granted. However, credit will be given for work done in the Junior Division toward advanced military standing so that a member of the Junior Division who has done substantially the same work as that given for the first two years of the Senior Division may be given advanced standing which will entitle him to commutation of subsistence the first year he enters college.

Debating and Oratory

There are excellent opportunities at Ripon for those who are interested in intercollegiate debating or oratory. The colleges with which Ripon has debated during the past few years include the following: Lawrence, Carroll, Northwestern, Milton, Coe, Monmouth, Macalester, St. Olaf, Northland, and Campion.

During the second quarter, 1921, the College will send a debating team on an extensive Eastern trip. The colleges with which debates will be held on this trip include Westminster at New Wilmington, Penn.; Union College at Shenectady, N. Y.; St. Lawrence University at Gettysburg, Penn.; Bowdoin College at Brunswick, Maine; and Dartmouth College at Hanover, N. H.

In another activity closely akin to debating there is offered an excellent opportunity for those students who are interested in public speaking. Ripon College is a member of the Wisconsin Oratorical Association and of the Interstate Oratorical Association, which hold annual contests.

Ripon College has a chapter of Pi Kappa Delta, a national forensic society. In order to become a member of this organization the student must have taken part in an intercollegiate oratorical contest or in an intercollegiate debate.

Pre-Professional Courses

The curriculum at Ripon has always aimed to be liberal in the opportunities offered, and well balanced in the requirements imposed. In the courses of instruction offered, there has been a steady increase in the range of elective studies, avoiding on the one hand the monotony of a narrow group of studies mostly of an elementary sort, and on the other hand the distortion due to numerous specialized courses dealing with limited and disconnected portions of a field of study. Ripon has refrained from offering instruction of a merely professional or technical sort and has offered such courses as possess a general cultural value, though many of them are of special value in the preparation for certain careers. All first-class professional

schools are now requiring at least two years of college work for entrance, and the best educational practice recognizes the combined college and professional course as a desirable arrangement.

Ripon is provided with courses leading to professional work in Agriculture, Medicine, Engineering, Law, Public Service, Commerce, Library, Science, Theology, and Teaching. Moreover, through special arrangement with the University of Wisconsin, students who have completed a three-year pre-professional course of study at Ripon may enter upon their professional courses in the University and at the completion of one year's work there receive their bachelor's degree from Ripon College, thus graduating with their original class.

COLLEGE ORGANIZATIONS

The Young Men's Christian Association

During the formative period of college life there is great necessity for symmetrical development, for a balancing of intellectual with spiritual growth. The College Y. M. C. A. recognized this necessity, and organized for the purpose of aiding this harmonious development. In opening its doors to all young men of the College, the association aims to extend its sphere of influence as far as possible. Although distinctly a student organization, the association has the active support of the faculty, some of them being members, and many leading in the meetings. In order to keep in touch with the larger movement, the College Y. M. C. A. aims to be represented regularly at the state conventions, and also at the yearly conference of college men held at Lake Geneva.

The Young Women's Christian Association

The object of the Young Women's Christian Association is the development of Christian character in its members, and the prosecution of active Christian work, especially among the young women of the institution. The active membership of the association consists of women connected with the College who are members of the Christian churches. Any woman in the College

may become an associate member. The association is affiliated with the international organization.

The Joint Oratorical Board

The Joint Oratorical Board is made up of two members of the faculty, a member of the board of trustees, the editors-in-chief and business managers of the *Crimson* and the *College Days*, and the managers of debate and oratory. The organization controls oratory, debate, dramatics, the *College Days*, and the *Crimson*. The Board holds membership in the Wisconsin Intercollegiate Oratorical Association and the Interstate Oratorical Association. The Board also holds membership in several debating leagues.

Ripon College Glee Club

Nothing appeals to the College man more strongly than the good times of musical club trips, and Ripon men are no exception to this rule. To make the Glee Club and thus have the privilege of joining in the jolly trips to the Wisconsin cities and towns is the fond hope of many an undergraduate. Those who have been fortunate enough to be among the thirty-odd men each year who have made up Ripon's Glee Club are unanimous in their verdict that some of the happiest occasions of their college life have come through these organizations. They serve a real purpose, musical and social, in the campus community today, and in the memory of the graduate are surely "a joy forever."

The Ripon College Glee Club had a successful season last year. This year, as for several years past, the Club will be under the direction of Professor Elizabeth Battle Bintliff, Director of the School of Music. Beginning about two weeks before Thanksgiving and continuing until the Easter vacation, rehearsals for the Glee Club are held on Tuesdays and Thursdays at 4:15, and on Saturdays at 1:15.

The Women's Glee Club

The Women's Glee Club was organized in 1917, by Mrs. Estella Hall Reade of the Ripon School of Music. Some years previous a similar organization had flourished under the name of The *Cicilian Club*. Such an

organization affords the best opportunity for the women of the College to express their musical talents. The young women who make up the membership of the Club meet regularly for practice under the able direction of Mrs. Reade and give several concerts during the year. The Women's Glee Club is quite as popular among the women of the College as the Men's Glee Club is among the men.

The College Choir

An excellent choir is also maintained for the purpose of supplying music for the services of the First Congregational Church. This gives a splendid opportunity to students to become acquainted with the best music suitable for a church service.

Ripon College Band

The men who cannot sing do not find that their musical talents are altogether slighted at Ripon. Many who cannot sing can play musical instruments, and the college band of some twenty-five men sends out a continual call for more such talent. This band is conducted by Mr. Lorenz W. Lueck, through whose untiring efforts the present high standard in this line of work has been attained. The band has become one of the most prominent and popular of the musical organizations at Ripon. All students who play band instruments are eligible for membership, a reasonable degree of proficiency being the only requirement. The band performs lustily at athletic games on Ingalls Field, and at basket-ball games in the Indoor Athletic Field, and turns out at all rallies and mass meetings to play once more with true inspiration the favorite "Alma Mater."

Pi Kappa Delta

Pi Kappa Delta is a national honorary forensic society, which had its origin at Ripon College. In order to become a member of this organization the student must have taken part in an intercollegiate oratorical contest or in an intercollegiate debate. The organization has edited and published a valuable booklet on "Suggestions for the Debater" which it sends to high school students who are interested in debating.

The Mask and Wig

This is an organization for the study and presentation of the drama. Two plays are presented in the City Auditorium each year, one just before the Easter recess and the other at Commencement. Membership in the Mask and Wig is limited to those students who appear in a public presentation of a play. The plays thus far presented by the Mask and Wig are the following:

A Scrap of Paper, Sardou; Mice and Men, Riley; Mercedes, Aldrich; The Dressing Gown, Meyers; The Neighbors, Gale; A Midsummer Night's Dream, Shakespeare; The Lion and the Mouse, Klein; The Rivals, Sheridan; Sweet Lavender, Pinero; The Merchant Gentleman, Moliere; The Witching Hour, Thomas.

Theta Alpha Phi

The Mask and Wig is now a member of the national honorary dramatic fraternity, Theta Alpha Phi. Individuals become eligible to membership in this organization after having appeared in two major or four minor roles in plays presented by the Mask and Wig.

The Scribblers' Club

This is a local student organization for the promotion of journalism at Ripon College. Membership is dependent upon literary ability and active interest in student publications. The Club edits The Ripon Scribbler, a magazine which furnishes a medium of expression for the literary life of the College.

The Latin Club

The Latin Club is composed of the members of the Department of Classics with the exception of the members of the class in beginning Latin. The meetings of the club are held twice a month on Thursday evenings. The programs are made up of papers and discussions relating to Roman life and customs. Latin plays and short plays in English dealing with classic themes are occasionally given.

Ripon College is also a member of the Latin League of the Wisconsin Colleges. In 1920 Ripon came into permanent possession of the silver cup offered by the

league to the college which in three successive contests gains the highest average. Out of eight annual contests Ripon has received the highest average five times, while three times she has secured the highest individual prize of \$250 and a gold medal.

The History Club

One of the newest of the popular college organizations is the History Club. It was founded in the fall of 1917 by the members of the history department. The interest in international problems growing out of the great world war soon proved so general that the privilege of membership in the club was opened to all the students of the college. A large number of men and women availed themselves of this opportunity to increase their knowledge of current history. At the meetings, which are held every two weeks during the college year, carefully prepared papers on questions of international relations are read. Then a general discussion of the subject follows in which each member of the club has a chance to express his views. These programs have enabled the student to get a clearer insight into the causes of the great war and to better understand the trend of world politics.

The League

This is an organization of the young women who live outside the college dormitories. Like the organizations within Bartlett and Harwood Halls, it is intended for unifying the varied yet common interests of its members. Miss Josephone Hargrave, of the College faculty, is adviser of the League.

The Women's Self Government Association

The Women's Self Government Association is made up of the young women of the college. The Association regulates all matters concerning the women students which do not fall under the jurisdiction of the faculty. It furthers the spirit of unity among the Ripon women and increases their sense of responsibility toward one another. It sets the social standards for the college. The Association is managed by an Executive Council and a Legislative Board under the supervision of the Dean of Women.

Men's Council

In 1920 the men of the college organized a council representative of the various social groups. The council is authorized to consider matters relative to the general interests of its constituents and to recommend whatever policies or measures it may deem wise to the faculty for consideration. Final action, however, in all matters affecting the welfare of the men of the college rests with the faculty.

COLLEGE PUBLICATIONS

The Bulletin

The Ripon College Bulletin is published monthly. The March issue is the regular catalogue number. The May issue is usually an illustrated booklet of information concerning the College and its various activities. The other issues of the bulletin aim to keep the alumni, trustees, and friends of the College informed concerning her life, her aims, and her growth.

The Ripon College Days

The Ripon College Days, the college newspaper, is published weekly during the college year. It is issued by a board of editors appointed by the Joint Committee on Publications. The paper is now in its fifty-fourth year and is the oldest college newspaper, published continuously under one name, in Wisconsin. It is a six-page paper with occasional eight-page issues. The Ripon College Days affords excellent practice for students who are interested in journalistic work.

The Crimson

The Crimson is the college Annual. The editor-in-chief and the business manager are appointed by the Joint Committee on Publications. The Crimson is a book dealing with Ripon College life, with class and student activities, social affairs and athletics. It endeavors to record events which in after life will cause the student to re-live some of his college experiences; incidents which in years to come will freshen his memory to the scenes and faces of Ripon days.

The Ripon Handbook

The Ripon Handbook is published by the Christian associations at the beginning of the college year. The handbook is intended especially for the information of new students.

Suggestions for the Debater

Suggestions for the Debater is a handbook on debating prepared and published by the Wisconsin Alpha Chapter of Pi Kappa Delta. It is distributed annually among high school students who are interested in interscholastic debate.

The Ripon Scribbler

The Ripon Scribbler is a literary magazine published once during each quarter of the college year by the members of The Scribbler's Club, an organization whose aim is the promotion of student journalism in Ripon College. The columns of The Ripon Scribbler are open to undergraduates, alumni and members of the Faculty. The magazine publishes original essays, short stories, one-act plays, and poems.

STUDENT EXPENSES

The total cost for the student varies. The minimum expense will be within reach of students of limited resources, while others may easily make provision for themselves in accordance with their means.

The charge to the student is but a small part of the cost to the College. The balance of the cost is met by the income of the endowment fund, and by gifts from trustees and other friends of the College.

The five dollar matriculation fee will not be refunded under any circumstances. If a student leaves College on account of sickness or for other good reason, arrangements can be made for a refund on his bills.

Room rent and laboratory fees cannot be refunded to students who leave dormitories or laboratory classes during the quarter.

Fees, Tuition and Deposits

All College bills are due on the first day of each quarter. A fee of three dollars is charged for late pay-

ment if the bill is not paid before Saturday noon following registration, or if definite arrangements for its payment have not been made by that time with the Business Manager.

A Matriculation fee, payable but once, on entrance -----	\$ 5.00
Tuition and incidental fees, per quarter----	40.00
Damage Deposit in all Dormitories, per quarter -----	3.00
Extra Registration (in excess of sixteen hours) per hour -----	2.50
Diploma Fee -----	5.00
Senior Fee -----	2.00
Laboratory Fees, payable in advance, per quarter—	
Archaeology -----	1.00
Bacteriology -----	5.00
Botany -----	2.75
Chemistry, four and five-hour courses--	4.00
Chemistry Breakage Deposit -----	2.00
Embryology -----	5.00
Histology -----	3.50
Physics Laboratory, per unit hour----	1.00
Physiology -----	3.00
Surveying -----	2.00
Zoology -----	2.75

Dormitory Accommodations

Bartlett Hall, The Mary C. Harwood Hall, Parkhurst Hall, and Lyle Hall are dormitories for women. The homes are equipped with all modern conveniences and are among the most attractive college dormitories for women that can be found. The rooms are lighted with electricity, heated by steam, and provided with single beds, mattresses, chiffoniers, desks and chairs. Each of these dormitories contain a large reception room.

Smith Hall, West Hall, Duffie Hall, Sanford Hall, Woodside Hall and Merriman Hall are dormitories for men. These halls are well equipped in every particular. Some of the suites consist of a central study with a bed-room and wardrobe on either side. Others consist

of a single study, bed-room and wardrobe. Each hall also contains a large, pleasantly situated and attractively furnished reception room. Besides these six dormitories Dawes Cottage accommodates a limited number of men.

Students are permitted to take lodgings in town, but the places in which they room are in all cases subject to the approval of the administration.

No rooms are reserved except on payment of \$5.00, which will be applied on room rent. This fee will not be refunded after August 15th.

Applications for rooms by students in residence should be made to the Dean, on forms furnished by the College office for this purpose, between May 20-27.

Rooms, when taken, are engaged for the year. Students who wish to change must first consult with the Dean.

Dormitory rooms are furnished with all necessary heavy furnishings. Students will bring their own bedding, pillows, rug for the floor, if desired, and such ornaments as they desire for their rooms. All buildings are heated, furnished with hot and cold water and electricity. Price of room rent does not include cost of light in the rooms.

College Rooms

Smith Hall, Dormitory for men, with steam heat, hot and cold water, furnished rooms, two men in a room excepting as otherwise stated:

Room number 103, single, per quarter-----\$17.00

Rooms number 101, 102, 105, 106, 201, 203, 205, 301, 305, two room suites, per quarter 20.00

Rooms number 202, 206, 302, 303, 306, three room suites, per quarter ----- 22.50

Rooms number 100, 107, 108, 200, 207, 208, 300, 307, 308, three room corner suites, per quarter ----- 25.00

West Hall, Dormitory for men, with steam heat, hot and cold water furnished, rooms, two men in a room:

Rooms number 205, 207, 209, 302, 303, 304, 305, 307, 308, 309, per quarter----- 20.00

Rooms number 211, 300, 310, 311, per quarter -----	22.50
Woodside Hall , Dormitory for men, with steam heat, hot and cold water, furnished rooms, two men in a room, per quarter---	25.00
Duffie Hall , Dormitory for men, with steam heat, hot and cold water, furnished rooms, two men in room, per quarter-----	25.00
Sanford Hall , Dormitory for men, with steam heat, hot and cold water, furnished rooms, two men in a room, per quarter--	25.00
Merriman Hall , Dormitory for men, with steam heat, hot and cold water, furnished rooms, two men in a room, per quarter--	25.00
Dawes Cottage , Dormitory for men, with steam heat, hot and cold water, furnished rooms, two men in a room, per quarter--	17.00
Bartlett Hall , Dormitory for women, with steam heat, hot and cold water, furnished rooms, two women in a room excepting as otherwise stated:	
Room number 100, single, per quarter----	25.00
Rooms number 105, 107, 204, 205, 206, 207, per quarter -----	25.00
Rooms number 103, 202, 203, 300, 301, 304, 305, 306, 307, per quarter-----	23.00
Rooms number 101, 302, 303, per quarter--	22.00
Room number 200, per quarter -----	20.00
The Mary C. Harwood Hall , Dormitory for women, with steam heat, hot and cold water, furnished rooms, per quarter----	25.00
Parkhurst Hall , Dormitory for women, with steam heat, hot and cold water, furnished rooms, per quarter -----	25.00
Lyle Hall , Dormitory for women, with steam heat, hot and cold water, furnished rooms, per quarter -----	25.00

Board

Board is furnished at the College Commons in the West Building at the rate of \$5.00 per week, subject to change as prices of foodstuffs necessitate. Of this sum \$1.00 per week for overhead or fixed expenses of

the Commons is charged to each student rooming in any of the college dormitories and \$4.00 per week in addition is charged to each student actually boarding at the Commons, or registered to board there. Refunds at the rate of fifty cents a day for Saturdays and Sundays are granted, but only on written request made in advance.

All young women students who do not live at home in the city are required to board at the College Commons unless excused on written request of parents.

Charges as enumerated above, \$1.00 per week for overhead expenses, and \$4.00 per week for board, are payable at the College office in advance for the whole quarter.

Student boarders will not be accommodated before Monday, September 19, 1921. Students desiring to entertain guests after the opening days of the quarter must obtain permission from the manager of the Commons. Guests are charged at the rate of twenty cents for breakfasts, forty cents for other meals.

The dining hall is under the management of the College. It is directed by competent College officials, and is conducted without the idea of profit and for the purpose of providing wholesome food at the lowest possible cost. The dining hall is commodious, neat and attractive, and the service is good.

Student Aid

Faithful, worthy students, who are willing to work, need not abandon their course of study for lack of money. Each year a number of students make a large proportion of their expenses by means of outside work. There are opportunities for work in the dining hall, on the campus and in the buildings. In addition to this, many positions in the city are available for students who are willing to do good work. Students desiring employment should file their applications in writing with the Dean, giving the names of three people who can speak intelligently concerning the character, ability, and actual needs of the student. Special blanks are provided for this purpose.

Special Funds

The College has available several funds for use as indicated below. Anyone desiring to be a candidate for the benefits of any of these funds should write to the Dean for blanks with which to make application therefor. These applications will be considered carefully and the benefits will be distributed where they appear to accomplish the greatest good.

RUFUS DODGE FUND. The late Rufus Dodge, of Beaver Dam, left the College a legacy of \$9,000 as a permanent fund to aid young women of limited means in getting an education. The interest of this fund is available each year for distribution among such students for this purpose, according to their need.

PHILO SHERMAN BENNETT SCHOLARSHIP LOAN FUND. Mr. Philo S. Bennett, of New Haven, Connecticut, left \$10,000 in his will to Wm. J. Bryan, as trustee, to divide among several colleges, at his discretion, as a fund to help worthy young men. \$500 of this fund was given in June, 1905, to Ripon College, the conditions being that the same be invested as a perpetual fund, the income only to be loaned to worthy young men in need, who shall be honor bound to return the loan; and when so repaid, it shall be re-loaned in the same manner.

The principal fund is known as the Philo Sherman Bennett Fund. The income from this fund, the amount which is available for student use, is called the William Jennings Bryan, Trustee, Fund.

SUMMER T. BARTLETT SCHOLARSHIP FUND. The sum of \$1,000 was given by Mrs. Lucy Bartlett, of Oshkosh, Wisconsin, for a permanent scholarship. The condition of the scholarship is that one student at a time, forever, shall be admitted to Ripon College free of tuition, such student to be designated by the college faculty, and to be one studying for the gospel ministry or for special missionary work.

REV. E. W. COOK SCHOLARSHIP FUND. The sum of \$500 was given by Rev. E. W. Cook, of Ripon, for the purchase of a scholarship. Free tuition is to be granted to one student at a time from the income of this fund, in perpetuity.

O. W. VAN VECHTIN STUDENT LOAN FUND. This was the gift of O. W. Van Vechtin, who presented to the President \$100 as a loan fund, to be under the control of the President, and to be loaned to worthy students, and to draw no interest while the borrowers are in college, but from date of leaving college to draw interest at the legal rate. The interest accruing may be added to the fund or given to students, at the President's discretion.

DAVID WHITCOMB SCHOLARSHIP FUND. \$1,000 was given by David Whitcomb, of Worcester, Massachusetts, for the purchase of a permanent scholarship, the income of which fund is to be used annually to aid needy and worthy students. By resolution of the Board of Trustees, June 20, 1885, the income is appropriated to payment of necessary term bills of young men who shall be nominated by the faculty for such credit, the sons of missionaries and ministers to be preferred, and the amount of appropriation to each pupil to be determined by the faculty.

ALUMNI ASSOCIATION, 1868, M. W. PINKERTON MEMORIAL FUND. This fund was collected by the Alumni Association as a memorial to M. W. Pinkerton, of the class of 1868. Mr. Pinkerton gave his life to the cause of Missions in connection with the work of the American Board in Africa.

At the annual meeting of the Association in June, 1910, by a formal vote, the fund was turned over to the College, to be used according to the general intent of the givers, but without further responsibility to the Association.

CLASS OF 1898 HARRY D. CLARK MEMORIAL FUND. This is a fund credited to the class of 1898, as a memorial to their deceased classmate Harry D. Clark. The interest is to be used for the purchase of books for the library.

CLASS OF 1901 OWEN C. ROWLANDS MEMORIAL ART FUND. The class of 1901 has provided a special fund, the interest of which is to be used for art decorations. It is a memorial to Owen C. Rowlands, a former member of the class, now deceased.

Prizes and Honors

MRS. JOHN JAMES ENGLISH PRIZE FUND. From the interest of a fund of \$1,500 given by Mrs. John James, of Boston, for the encouragement of English Composition in the College, the following prizes are offered for this year:

FRESHMAN COMPOSITION. For general ability in composition, as indicated partly by the class Record in English C11, and partly by the final test, the following prizes are offered: first prize, \$15.00; second prize, \$10.00.

ORATORY. For the best orations presented at the time of the Home Oratorical Contest, the following prizes are offered: first prize, \$15.00; second prize \$10.00.

DEBATE. For excellence in debate, judged wholly from the standpoint of thought and composition, two prizes are offered: first prize, \$15.00; second prize, \$10.00.

J. T. LEWIS PRIZE FUND. This was established by Hon. J. T. Lewis, of Columbus. The annual income of a fund of \$200 will be awarded to the student who prepares the best set of notes and drawings on the biological work of the freshman year. It will not be granted for inferior work.

CLASS OF 1896 MEMORIAL PRIZE FUND. The income of the Memorial Prize Fund of the class of 1896, will be awarded to the successful contestant in a declamatory contest between members of the junior class.

PRIZE SCHOLARSHIP. To encourage students of special promise in graduate study, a friend of the College offers, as a prize, one year's tuition in the graduate school of either the University of Chicago or the University of Wisconsin. This prize is open to students of History, Economics, Law, Language and Literature, Philosophy, or Education. The award is made by the faculty to the member of the senior class who shows the greatest proficiency in the studies of the undergraduate course and the best preparation for graduate study.

DEPARTMENT FELLOWSHIPS. The head of each department has the privilege of recommending, for ratification by a vote of the faculty, one advanced student of high standing as Fellow in the department.

THE RHODES SCHOLARSHIPS. In order to keep this well-known bequest before the minds of present or prospective students, it is briefly mentioned here. Circulars of full information can be obtained at the registrar's office. Any male student, who is a citizen of the United States and unmarried, not less than nineteen nor more than twenty-four years of age, and who has reached the end of his sophomore year of study, may be a candidate for one of the Wisconsin scholarships. This insures to the winning contestants among the schools of the State a three-year residence in Oxford University, England.

All competitors must be prepared to take an examination in the following subjects: Arithmetic, the elements of Algebra or the elements of Geometry, Greek and Latin Grammer, translation from English into Latin, one Greek and one Latin book from authors such as Caesar, Cicero, Livy, Horace, Virgil, Homer, Xenophon, Plato, Sophocles, Euripides, and Demosthenes.

UNIVERSITY SCHOLARSHIP. The University of Wisconsin, through its President, has extended to Ripon College an invitation to appoint one of its graduates each year to a Scholarship in the University. The value of this Fellowship is \$225 a year.

Awards in 1920

FRESHMAN COMPOSITION PRIZES FROM THE JAMES FUND

First Edith Rogers
Second Beatrice Alexander

JAMES PRIZES FOR EXCELLENCE IN DEBATE

Sylvester Toussaint	Bruno Jacob
Clemens Lueck	Clarence Rinehard
J. Harold Bumby	Paul Rodewald

JAMES PRIZES IN ORATORY

First Chris Bonnin
Second Sylvester Toussaint

CLASS OF 1898 MEMORIAL PRIZES FOR EXCELLENCE
IN DECLAMATION

For Women Ethyl Williams

For Men Arthur Filbey

TEAM WINNING SILVER CUP IN THE WISCONSIN
STATE LATIN LEAGUE CONTESTMildred McConnell Cornelia Peterson
 Nina BradleyFELLOWSHIP IN THE UNIVERSITY OF WISCONSIN
Leonard WaehlerPRIZE SCHOLARSHIP AT THE UNIVERSITY OF
CHICAGO

Meta E. Schmudlack

J. T. LEWIS PRIZES FOR EXCELLENCE IN FIRST
YEAR BIOLOGY WORK

Thelma Stocks Hertha Bergner

Editor-in-Chief of the College Days for 1920-21

Clarence E. Rinehard

Associate Editor of the College Days for 1920-21

J. Allen Wilson

Business Manager of the College Days for 1920-21

Herbert Bagemihl

Editor-in-Chief of the Crimson for 1920-21

Lucile K. Johann

Business Manager of the Crimson for 1920-21

Elmer K. Wagner

DEPARTMENT FELLOWS, 1920-21

Botany and Zoology Robert Lane

Economics Elmer Roeske

Education Nina Bradley

English Composition Elizabeth Shaw

English Literature Ethyl Williams

French Lorene L. Bogie

German Ezra Vornholt

History Paul Rodewald

Latin Margery Tibbals

Mathematics Anne Griffiths

Physics Raymond Sawyer

Political Science Arthur Filbey

Public Speaking Bruno Jacob

THE COLLEGE ADMINISTRATION

Government

The College has few rules governing the conduct of students. In general it is expected that they will conduct themselves in an orderly way, with due regard for the rights of others, and in such manner as will conduce to best work in College.

Students are forbidden to smoke on the campus or athletic field and are not expected to smoke on the streets. Gambling in any form is considered sufficient cause for dismissal from College.

Whenever a student has been called to the Dean's office on a serious case of discipline, his parent is notified by a letter from the President of the College. The student is then expected to explain to his parent the occasion of the discipline. In such cases the College office will, upon request, furnish the parent with details in regard to the student's conduct.

In case of matters of general order or common interest, the students are represented by a student council, which meets with the college officers of discipline.

The policy of the College toward student activities is to put each under a joint committee, consisting of representatives from the board of trustees, the faculty, and the students. This Committee has general oversight of the finances and policy of the activity which it represents. All details, however, are managed by the student officers. This method is employed in the control of forensics, athletics, and musical organizations.

Students occupying dormitories are required to adopt house rules. Such organizations shall also appoint a house committee consisting of at least three members, whose duty it shall be to enforce the observance of the house rules, and who shall be primarily responsible individually and collectively, for the observance of faculty rules by the organization or body which they represent. This committee also constitutes the regular channel of communication between the

organization and the faculty advisor of the organization appointed by the administrative officers of the College.

Students are not allowed to have firearms in any of the College buildings except on written permission of the Chief of Police of the City of Ripon.

As to Fraternities

In the college life at Ripon emphasis has always been placed with clear discrimination, upon individual character and upon democracy in the social relations. It must never be forgotten that neither wealth nor social position, but ability and character, are the standards by which Ripon students are judged. The same principle rules to discountenance every tendency to set a higher scale of personal expenditure than is possible for the average undergraduate. As a safeguard against undemocratic tendencies the trustees of Ripon, early in its history, ruled against the establishment of Greek letter fraternities among the students other than purely honorary scholastic fraternities. The Trustees have furthermore ruled against any imitations of the practices of the ordinary Greek-letter fraternities. It is believed that this is the only policy that will insure for the future that wholesome and unique spirit of democracy which has thus far been manifest at Ripon College.

Classification of Students

For participation in class contests, for chapel seating and for administration purposes in general, classification is determined at the beginning of the college year, according to the following plan: A student having secured at least thirty-six hour-credits and thirty-six honor-credits will be classified as a Sophomore; eighty-one hour-credits and eighty-one honor-credits will be classified as a Junior; and one hundred and thirty-two hour-credits and one hundred and thirty-two honor-credits will be clasified as a Senior.

Class Records

Examinations are held at the end of each quarter, or at intervals during the quarter in all courses. At the end of each quarter the marks are handed in,

and the record for that quarter is closed. Reports of standings are sent to the student's parent or guardian at the close of each quarter.

A transcript of credits is furnished once without cost, but a fee of \$1.00 is charged for all further transcripts.

Class Standing

The following table shows the college scale of marks:

93-100	-----	A
85-95	-----	B
77-84	-----	C
70-76	-----	D
60-69	-----	X
Below 60	-----	Z
Incomplete Courses	-----	I

A, B, C, and D are "passing" marks. Z indicates a failure, X a condition, and I a course that has not been completed. No student is allowed to drop a course without the consent of the instructor on the proper blank received from the registrar. All courses dropped without this observance are reported by the instructor and recorded as failures. If for any reason a course is dropped after six weeks it is counted as a failure. If a student fails in a course, credit can be secured only by repeating the course in class. If a student is conditioned in a course, the condition must be removed by examination taken on the day appointed for this purpose. The date for removing conditions of the first quarter is the third Wednesday in January, for removing conditions of the second quarter, the third Wednesday in April, and for removing those of the third quarter, the first Wednesday in October. A general average of C in all subjects is required for graduation.

A student who fails in fifty per cent of his work for a given quarter automatically severs relations with the College unless reinstated by faculty vote, upon written request of the student.

Absences from Class and Chapel

Regular attendance is expected on all class and laboratory exercises and on Chapel and Vesper services.

If a student absents himself from class he is required to arrange with the instructor in charge of the class for making up the work lost.

A student who absents himself from class as many times as there are hour credits in the course is reported to the Dean.

At the end of the quarter, when the instructor hands to the Registrar a report of the student's grade in any course, the instructor reports also the number of times the student has been absent from that class.

All absences up to and including the number of hours in the course count against the class grade. Absences in excess of this number count against the total number of hour credits in the course, at the discretion of the instructor.

Each unexcused absence from Chapel causes a reduction of one hour of credit from the total number of honor credits otherwise earned for the quarter.

No credit is given to any student regularly enrolled who is absent, with or without excuse, from more than twenty-five per cent of the exercises of a given class in a quarter.

A student who is absent from the last recitation period preceding the Christmas or Easter vacation, or from the first recitation following such vacation, is not allowed to take the regular final examinations in the subject missed, but may take the next regular examination in the subject when it is given.

Honesty in College Work

Ripon College expects every student to hold to the strictest standards of honesty in all college work. Any student who presents as his own work which he has not performed, or who gives aid to a fellow student, whether in quarter examinations, oral or written quizzes, laboratory exercises, or reports, or any form of college work, renders himself liable to suffer loss of

all credit in the work concerned, and to be suspended from the College.

Regulations Governing Eligibility

These regulations apply to students taking part in athletic, glee club concerts, dramatic performances, public debates and oratorical exhibitions, to members of the editorial and business staffs of the College publications, and all officers of student organizations.

1. The student must be regularly enrolled in the College.
2. The candidate must have no conditions and no failures and a weighted average of at least "C" for the previous quarter. Students with "in-completes" are required to secure the consent of the Dean of the College.
3. Students under discipline are ineligible.
4. A student who, at the mid-quarter roll-call, is reported to the Dean as not passing in twelve hours' work is ineligible for the six weeks following the report.
5. No dismissed or suspended student may represent the College in any public event.

Requirements for Degrees

BACHELOR OF ARTS. The degree of Bachelor of Arts is conferred by the Board of Trustees, after recommendation by the Faculty, upon those candidates who have completed the collegiate requirements. These are as follows: A total credit of one hundred and eighty-six quarter hours in the college courses, and a minimum of 186 honor credits, or an average mark in all subjects of C or higher; an acceptable thesis upon some theme related to the major subject of his course or as a substitute for the thesis, an advanced course of four hours during the senior year. The time required for the fulfillment of these conditions is usually four years.

BACHELOR OF PHILOSOPHY. The College will confer the degree of Bachelor of Philosophy on all students who have completed the courses prescribed for this degree. It differs from the degree of Bachelor of Arts

only in that no foreign language is required either for entrance or graduation. The total number of credits and the rules for major study and thesis are the same as in the course for the Bachelor of Arts degree.

MASTER OF ARTS. The degree of Master of Arts may be conferred upon any graduate of Ripon College, or of any college offering substantially equivalent courses, who shall have completed an approved course of non-professional study equivalent to an additional year, or forty-five hours of advanced college work.

This work may be done during one year in residence at Ripon College, or, in case of graduates of this College, during two years of work *in absentia*. There are, however, only certain departments of the College in which advanced work leading to a Master's degree is offered. Credits for residence graduate work from a university or graduate school to the amount of twenty-seven hours, or a half year, will be accepted.

The candidate for the Master's degree must register for the courses to be taken at the time of regular college registration, and with the approval of that member of the faculty with whom his major work is to be taken. He must also, on the completion of his work, present an acceptable thesis, the work for which may be counted as six hours of the required forty-five hours.

The fees for work leading to the Master's degree, when done in residence and with regularly scheduled classes, shall be the same as for undergraduate students, including tuition and incidentals. The fees for courses taken *in absentia* shall be: a registration fee of five dollars for each course; and an instructor's fee of two dollars and twenty-five cents for each hour in the course taken. The latter fee, however, shall in no case be less than five dollars. A four-hour course, therefore, taken *in absentia*, would cost the student fourteen dollars. These fees are payable at the time of registration.

Applications for the degree of Master of Arts should be made to the Registrar of the College.

REQUIREMENTS FOR ADMISSION TO COLLEGE

Application for Admission

If a student wishes to enter Ripon College by certificate, he should obtain a blank certificate which is to be filled and returned to the College by the principal of his preparatory school. All candidates must offer satisfactory testimonials of good moral character; and those who have been members of other colleges must present certificates of honorable dismissal.

Upon entering college a student must present a doctor's certificate showing that he has been properly vaccinated some time during the past seven years.

Registration

Tuesday and Wednesday, September 20 and 21, are registration days for the first quarter. The registration office is open from nine till twelve and from one-thirty till five. All students are expected to register on one of these days. For registration after the date set for any quarter, or for change of registration, a fee of one dollar is charged. After two weeks of a quarter have passed, no change in registration can be made without the consent of the Registrar and the instructor under whom the course is given, and a study which is dropped without such consent is recorded as a failure.

No credit is given for any work not regularly registered in advance. Application for advanced credit for work taken before entering the College must be made within one year of the time of entrance.

All entrance conditions must be included in the work of the first year.

A new student goes first to the office of the Dean of the College, where he matriculates and receives a card on which is recorded his total entrance credits. This card he then presents to the Registrar, who in person makes out the student's course of study or directs a member of the Curriculum Committee to do so. The registration is not complete until the registration blank, properly signed and approved by the Registrar,

has been taken to the Cashier's office and the bill paid. In case it is impossible to pay the registration bill at once arrangements for future payment must be made immediately with the Dean. Upper classmen are required to have their registration forms signed by their major professors.

Scholarship Requirements

The scholarship requirements for admission to the freshman class are stated in terms of units. To count a unit, a subject must have been pursued for one school year of thirty-six weeks with five recitation periods per week. Candidates are required to present fifteen units of preparatory work as indicated below. Half units are to be counted only when they are in addition to whole units in the same subject or when presented in closely allied branches not usually taught in periods of one year each, such as botany and zoology, or economics and civics. In any subject three recitations a week for one year and a half may be counted as one unit.

Of the fifteen units necessary for admission four are required of all, and eleven are elective. The required units are as follows:

English (two years)	2 units
Mathematics:	
Algebra (one year)	1 unit
Geometry (one year)	1 unit

Two units must be presented from *one* of the following:

One Foreign Language (two years)	2 units
(French, German, Greek, Hebrew, Latin, Norse, or Spanish)	
or Science (two years)	2 units
or History (two years)	2 units

To the six units of work outlined above, nine units must be added from the following list of elective subjects:

English (one or two years)	1 to 2 units
Mathematics (one half to two years)	$\frac{1}{2}$ to 2 units
Greek (one or two years)	1 or 2 units
Latin (one to four years)	1 to 4 units
German (one to four years)	1 to 4 units
French (one to four years)	1 to 4 units
Spanish (one or two years)	1 or 2 units
History (one to four years)	1 to 4 units
Civics (one half or one year)	$\frac{1}{2}$ or 1 unit
Economics (one half year)	$\frac{1}{2}$ unit

Science (one to four years)	1 to 4 units
Agriculture (one to four years)	1 to 4 units
Bookkeeping (one year)	1 unit
Stenography and Typewriting (one year)	1 unit
Commercial Law (one half year)	$\frac{1}{2}$ unit
Commercial Geography (one half year)	$\frac{1}{2}$ unit
Domestic Science (one to four years)	1 to 4 units
Manual Arts (one to four years)	1 to 4 units

Concerning Foreign Language

Students are admitted to the college without foreign language; but it is highly desirable for students who intend to take the A. B. degree upon graduation to present at least two years of some foreign language as an entrance subject. The amount of foreign language required in College for the A. B. degree is lessened by the amount of foreign language the high school pupil presents for entrance. In view of the fact that foreign languages can be pursued most advantageously at an early age, the College strongly recommends that all candidates for the A. B. degree secure as large an amount of foreign language as possible in their high school course. Advanced college credit will be given for foreign language at the rate of six hour-credits for each high school unit in excess of the fifteen units of preparatory work required for entrance. For the degree of Ph. B. no foreign language is required either for entrance or graduation. This does not preclude the possibility of electing one or more foreign languages during the college course leading to the degree of Ph. B.

Concerning Vocational Subjects

Not more than four of the required fifteen units will be accepted in vocational subjects including agriculture, commercial work, domestic science, and manual arts. The four units that are allowed in these subjects may be within any one group or may be made up of such a combination of work from the different groups as shall meet the approval of the College.

Admission by Certificate

On recommendation of the principal of the high school, with his certificate showing that the student has successfully completed the courses required for entrance, graduates of any Wisconsin high school on

the accredited list, will be admitted to the freshman class without examination. The list of accredited schools in Wisconsin from which students will be admitted upon certificate of the principal of the school, is the same as that of the University of Wisconsin. Further information concerning these schools will be furnished upon application to the College authorities.

Advanced Standing

If the student applying for entrance to College can present more than the fifteen units required, he may in some cases be granted advanced standing in the extra studies presented, either by examination or on recommendation of the head of the department in which advanced credits are sought, or as the result of inspection and acceptance by the College of the work in the preparatory school in which the courses were taken. For advanced credit in science, laboratory note-books should be presented. The subjects for which students usually receive credit are: foreign language, chemistry, and solid geometry.

Students who have taken part of the college course in other institutions of approved rank are admitted to advanced standing on the basis of satisfactory credentials of character and scholarship.

Advanced Standing from Normal Schools

Graduates of Normal Schools in Wisconsin, who apply for advanced standing at Ripon College, will be granted advanced credit as follows:

1. TWO-YEAR COLLEGE COURSE IN NORMAL SCHOOLS
Graduates from the college courses of the Normal Schools can secure Junior rank in Ripon College, provided such students when they entered the Normal School were fully prepared to enter the Freshman class at Ripon College.
2. TWO-YEAR PROFESSIONAL COURSES IN NORMAL SCHOOLS FOR HIGH SCHOOL TEACHERS AND SUPERINTENDENTS.

Graduates from the two-year professional courses in the Normal Schools, which are designed for High School teachers, superintend-

ents and principals, can secure Junior rank and a maximum of fifty-six hours of advanced credit at Ripon College, provided that:

- a. The Professional Normal Course was preceded by a preparatory course which met the full requirements for admission to Ripon College.
 - b. The electives of the professional courses were similar to those offered in the first two years of the college course at Ripon.
3. TWO-YEAR PROFESSIONAL COURSES FOR PRIMARY AND GRADE TEACHERS.

Graduates from professional courses for Primary and Grade teachers, who have conformed to the requirements, a and b, under 2 above, may receive a maximum of 54 hours of advanced credit at Ripon College.

4. STUDENTS WHO HAVE GRADUATED FROM THE LATIN OR GERMAN COURSE.

Such students will be given 93 units of the 186 required for graduation from Ripon College, under conditions similar to those outlined above for two-year courses.

5. THREE-YEAR PROFESSIONAL AND COLLEGE COURSES OF NORMAL SCHOOLS.

Graduates from the three-year professional courses of the Normal Schools in Wisconsin will receive additional advanced credit at Ripon College under conditions similar to those outlined for two year courses.

Graduates of Normal Schools outside of Wisconsin, who have met the above requirements for Normal Schools in Wisconsin, will receive a similar amount of credit.

Ripon College and the State University

Ripon College and the University of Wisconsin have practically the same entrance requirements and the same list of accepted schools. Students who migrate from either institution to the other will be given the rank of sophomores or juniors, if they change at the end of the first or second year of their work. It is not

deemed advisable, by either institution, for students to migrate at the end of the junior year; but where such cases occur, they will be dealt with on their individual merits.

Students who have completed the first three years of work leading to the A. B. or the Ph. B. degree may substitute for the senior year's work at Ripon the first year of a professional or technical course in the University.

REQUIREMENTS FOR GRADUATION

Required Credits

The requirement for graduation is one hundred and eighty (180) hours of credit in college courses and a satisfactory thesis on an approved topic connected with the major subject, or one hundred and eighty-six (186) hours of credit without thesis. The unit of measure is one hour recitation or lecture, or one two-hour laboratory period per week for one quarter. A course which meets four hours per week for one quarter gives four (4) hours' credit. Regular work for freshmen is fifteen or sixteen hours per week. For all others it is from fifteen to eighteen hours.

The occasional student who desires to carry more than regular work must have maintained, during the preceding quarter, a grade of C, and obtain faculty permission. A fee of \$2.50 an hour will be charged for all work above sixteen hours.

Honor Credits

In addition to the 186-hour credits necessary for graduation, each student must earn at least 186 honor credits, or an average mark in all subjects of C or higher.

Class standings are indicated by letters. A, B, C, and D are passing grades. For a grade of A in a given course, the student will receive three times as many honor credits as there are hour credits in the course; for a grade of B, twice as many honor credits; and for a grade of C, as many honor credits as hour credits. For example: A four-hour course in which the student's mark is A, gives twelve honor credits; if the grade is B, eight honor credits; and if C, four honor credits.

Beginning with the college year 1921-22 a system of honors will be introduced. Honors and high honors, according to the work done, will be granted to members of the three upper classes who attain to the specified degree of excellence. Such students will receive special mention in the College catalogue.

In the selection and arrangement of studies, the student has considerable freedom, but his choice is in part limited by the following general requirements.

Course Leading to the Degree of A. B.

A student who enters this course without having had foreign language in high school is required to complete forty-eight hour-credits in at least two and in not more than three languages before graduating. All these credits apply towards the degree.

Freshman Year

The regular work of the freshman year is four subjects, each continued throughout the year. English Composition is required of all, and three subjects must be chosen from the following:

Bible	Greek
Biology	History
Chemistry	Latin
French	Mathematics
German	Spanish

Sophomore Year

In the sophomore year any of the subjects open to freshmen may be elected. The required subjects not already completed should be included in the work of this year. Other electives open to sophomores are the following:

Archaeology	Biology
English Composition	Chemistry
English Literature	Debating
French	Economics
German	History
Greek	Law
Latin	Mathematics
Library Science	Philosophy
Sociology	Physics
Spanish	Public Speaking

Junior and Senior Years

By the time the student has reached the junior year, he is ready to select a subject in which to do advanced, cumulative work. This subject is called the student's major subject, and must include at least thirty hours' work in one of the following departments: Philosophy, Education, English, Greek, Latin, Romance Languages, German, History, Economics, Mathematics, Biology, Chemistry or Physics, Music.

Courses ordinarily open to freshmen are not counted toward the major. Exclusive of freshman courses, not more than forty-five hours of work in any one department will be counted toward a degree.

To secure breadth of training, the courses of study offered by the departments of the College have been arranged in four groups. The major subject will lie in one of these groups. In each of the other three, the student must select a minor or year course in one department. These minors are in addition to the courses required by all students.

The four groups from which the student selects his major and three minor subjects are as follows:

1. Language, Literature, Music.

Departments: Greek, Latin, German, Romance Languages, English, Education, Music, Public Speaking, Debate, Archaeology, Bible.

2. Natural Sciences.

Departments: Biology, Chemistry, Physics.

3. History, Political and Social Sciences.

Departments: History, Economics, Political Science, Sociology.

4. Philosophy and Mathematics.

Departments: Philosophy, Mathematics.

The group system readily adapts itself to the individual, by permitting a wide latitude in the choice of studies. At the same time, the importance of making a careful choice, under the best advice, cannot be emphasized too strongly. As some courses are given only in alternate years, and because of possible conflicts in the hours of recitation, the general plan of the student's work for the remainder of the course should be made by the beginning of the sophomore year. It is important that the courses should be planned as a whole with a definite end in view; and when once planned the student should not allow himself to be diverted from it for any but the most serious reasons.

The requirements for graduation from the A. B. course may be summed up as follows:

I. English Composition C11-13, nine hours.

II. Foreign language, forty-eight hours.

1. Towards this requirement high school work on the basis of six hours for each high school unit up to the

amount of six units, will be accepted. In general, students are required to take a minimum of twelve hours of one foreign language in the College. Any student, however, who presents more than six units for entrance will be allowed to count the additional unit or units toward the total requirements of forty-eight hours, provided he passes a special examination given by the College, upon four units of his high school work in one language.

2. Students must have at least four units of high school work or twenty-four hours in College in one language, or the equivalent in combined high school and College work in one language.

3. Similarly, students must have at least two high school units or twelve College hours in a second language.

4. One high school unit in language will be accepted only in case the student successfully continues this language in College for at least one quarter.

III. A year course in each of the four groups of studies outlined above and an additional amount of work in one of the four groups to constitute the major subject.

IV. Free election to make the total of one hundred and eighty hours required for graduation, or one hundred eighty-six hours without thesis.

The degree of Bachelor of Arts is conferred upon all who complete the course as outlined above.

Courses Leading to the Degree of Ph. B.

The prescribed studies for the degree of Ph. B. are as follows:

I. English Composition C11-13 in the freshman year, nine hours.

II. Science and mathematics. A total of 30 hours to be taken in year courses.

III. Two of the following groups:

A. Philosophy or Mathematics, 15 hours. Mathematics may not be offered both here and under II. above.

B. History, 15 hours.

C. Foreign language, 21 hours. Not more than 12 of these may be in a beginner's course.

Freshman Year

The studies of the freshman year are in general required, as they are in the A. B. course. The same studies are open to freshmen in the Ph. B. course as to those in the A. B. course and on the same terms. Students may readily take the following combinations, in which the numbers represent the number of credits per quarter.

I. Without foreign language:

A. English Composition, 3; English Literature, 3; History, 4; Science, 5.

B. English Composition, 3; History, 4; Mathematics, 3; Science, 5.

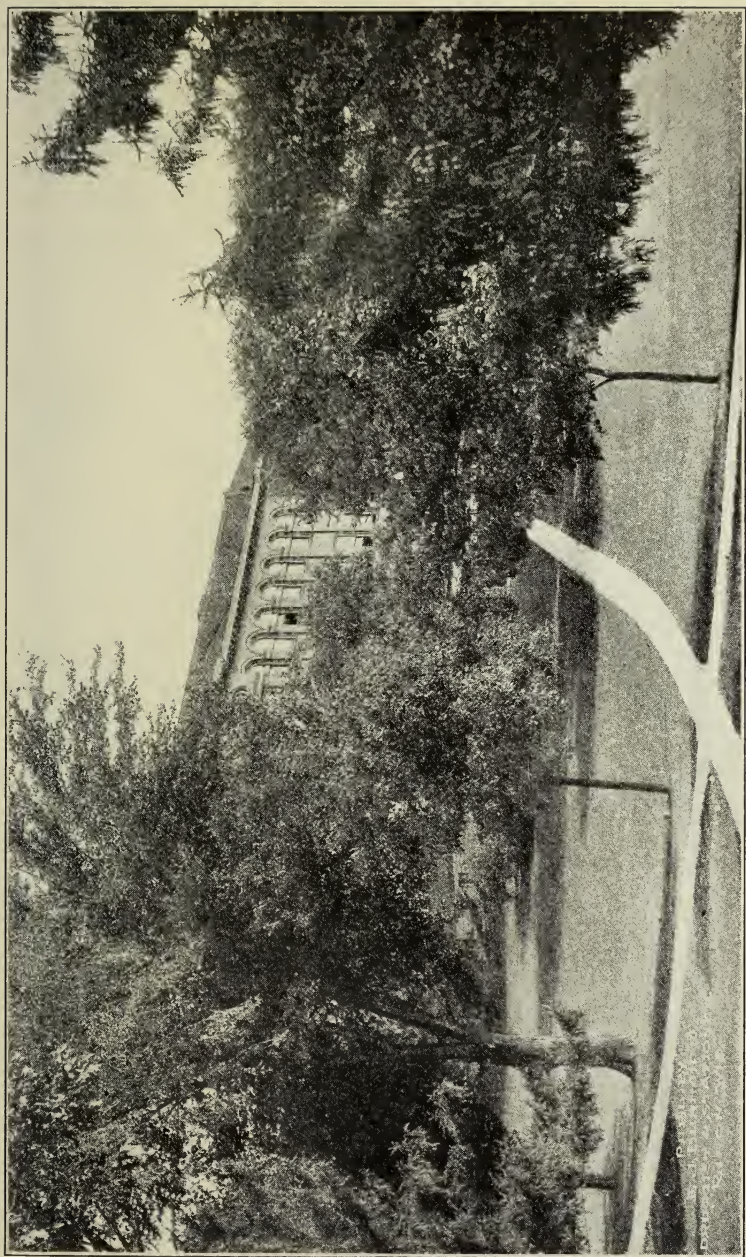
- C. English Composition, 3; English Literature, 3; Bible, 2; History, 4; Mathematics, 3.
- II. With foreign language:
 - A. English Composition, 3; Language, 4; History, 4; Science, 5.
 - B. English Composition, 3; Language, 4; History, 4; Mathematics, 3.
 - C. English Composition, 3; Language, 4; Mathematics, 3; Science, 5.
 - D. English Composition, 3; Language, 4; History, 4; English Literature, 3; Bible, 2.

Students who may elect as indicated in Group II. will be in line, if they choose to do so, to go on toward the A. B. degree instead of the Ph. B. They may continue foreign language in the sophomore year, and offer it as part of the prescribed credits for the Ph. B. degree, or the study may be discontinued. In the latter case the student will need to offer 15 credits in philosophy or mathematics, and 15 in history. Students may elect two foreign languages, but such students will naturally enter the A. B. course.

The following sciences are open to election by freshmen as part of the prescribed studies: Botany, Zoology, Chemistry, Physics.

The following courses in history are similarly open to election by freshmen: Mediaeval History, Modern History. These are four hour-credit courses.

The following foreign languages are similarly open to election by freshmen: Greek, Latin, German, French, Spanish. But French or Spanish may be elected only when the student has had two years of Latin in high school.



PART OF THE CAMPUS, WITH INGRAM HALL IN THE BACKGROUND

PRE-PROFESSIONAL COURSES

The pre-professional courses of study are so arranged at Ripon that the following advantages are offered the student:

1. After a two years' course at Ripon he may enter the professional school at the University of Wisconsin or other university as a junior.
2. If three years are spent at Ripon, the first year's work in the professional school may be substituted for the senior year at Ripon, and the student may be graduated with his original class, provided all other requirements for graduation are met.
3. Four years of college work is recommended by all the professional schools, when the time and means of the student will permit, and Ripon has provided adequately for this full pre-professional training.

Pre-Agriculture

For those students intending to pursue studies in agriculture at the University the following courses are recommended: English composition, one year; German, French, or Spanish, two years; biology, two years; chemistry, one year; mathematics, one year; physics, one year. If three or more years are devoted to such preparation, the program will include advanced courses in biology and chemistry and electives chosen from the following list: Advanced composition; English literature; economics; history; physics; philosophy; education.

Pre-Medicine

The following pre-medical course is approved by the Council on Medical Education of the American Medical Association. Required subjects: chemistry, eighteen hours; physics, twelve hours; biology, twelve hours; English composition and literature, nine hours; other non-science subjects, eighteen hours. Subjects strongly urged: French or German, nine to eighteen hours; advanced botany or advanced zoology, five to nine hours; advanced mathematics, including algebra and trigonometry, five to nine hours; additional courses in chemistry, five to nine hours. Other suggested electives; English (additional); economics; history; soci-

ology; political science; logic; mathematics; Latin; Greek; drawing.

The minimum requirement for admission to accredited medical schools is ninety hours of collegiate work, extending through two years. The subjects included in the two years of college work should be in accordance with the foregoing schedule.

Pre-Engineering

Students who plan to pursue an engineering course after two years at Ripon should take the following studies: English composition, one year; chemistry, one year (two years if the student is going into chemical or mining engineering); physics, one year; algebra, mechanical drawing; descriptive geometry; trigonometry and analytical geometry, and calculus. If the student is to devote more than two years to his preparation for the engineering school, he should choose the following courses: advanced calculus; differential equations and mechanics; electrical measurements; quantitative chemistry, and surveying.

Pre-Legal

The following courses approved by the Association of American Law Schools are suggested for students preparing for the study of law, where only two years are devoted to such work: English composition, two years; Latin or Greek, two years; German or French, two years; mathematics, or a natural or physical science, one year; history (including English and American constitutional history), two years; psychology. If three or more years be devoted to such preparation, additional courses in history, natural science, and courses in philosophy, political science, economics, and sociology are suggested.

Field Experience in Public Service

By arrangement with the Legislative Reference Library at Madison the College offers practical field training in public service. Students qualified by a basic training in political science and economics may spend the part of a year at the Library and receive College credit for satisfactory work. They will be given ex-

perience upon actual problems arising in the work of the Library and submitted by various state administrative departments, and in the use of the research sources available in Madison. In the year between legislative sessions it may be expected that much of the work will be upon problems suggested in the actual working out of our state government through the administrative departments. In the year of a legislative session problems connected with questions of legislation will predominate and there will be opportunity for practice in preliminary bill drafting. The work will be under the direct supervision of Dr. Charles McCarthy and Mr. C. B. Lester of the Library and of Dr. E. A. Fitzpatrick, Director of the Society for the Promotion of Training for Public Service. Careful record is kept of all work done and frequent progress reports must be submitted.

Pre-Commerce

To this group belong the studies that are regarded as essential to a liberal education and as a necessary foundation for more specialized subjects to be pursued later. They comprise courses in natural science, mathematics, foreign language, history, and economics. In natural science, physical geography and the physiography of the United States are required as a basis for economic geography, upon which in turn are built several specialized courses in applied economics. In addition, students elect a five-hour year's course in physics, chemistry, or biology. English composition is required, and two modern foreign languages, the economic and social history of England, the elements of economics, money and banking, and transportation.

In the freshman year, pre-commerce students are required to take economic history of England and physical and economic geography. These courses are pre-requisite to principles of economics, which must be taken in the sophomore year. Additional courses in economics can not be counted toward the pre-commerce course until these courses have been completed. This course has been outlined in conjunction with the department of Commerce of the University of Wisconsin.

Library Science

The authorities of the Library School of the University of Wisconsin strongly recommend that those contemplating entering the library profession obtain their bachelor's degree before seeking to enter the school. For those who contemplate taking the library training either for credit toward a bachelor's degree or at the close of their college course the following suggestions are made.

A reading knowledge of German or if preferred, French, is required. As much actual experience in library work as is possible is of great value. While some of this may well be apprentice work in the College library, a certain amount of public library work is most important. Further recommendations for under-graduate work are as follows:

Literature. Work in literature should be strongly emphasized, survey courses giving a perspective of the entire field of English and American literature being preferred.

History. A general understanding of history is most essential as a background, particularly such a knowledge as comes from survey courses in Modern English, and American history.

Economics. An elementary course in economics which will familiarize the student with the vocabulary of the subject is almost essential. Additional work in sociology, political science, civics, etc., is valuable. It is advisable too, for the student to keep in touch with current events.

The typewriter has become so important a factor in modern library work and the school requires its use in the pursuit of so many of its courses, that some facility in its use is required of all applicants for admission.

Theology

The College offers all the courses usually taken in preparation for the study of Theology. Subjects of most importance are English, Greek, Philosophy, Psychology, Sociology, History, Education. These subjects with an A. B. degree from Ripon College will be accepted for admission to any theological seminary. Mem-

bers of the faculty should be consulted in regard to electives.

Teaching

A teacher should have the equivalent of a major in Education, and a major in the subject, or in each of the subjects to be taught. This, with one of the departmental special method courses for teachers, should provide the necessary culture, the mastery of the subject, and the professional training for successful teaching.

Systematic and critical observation of high school classes is a regular part of each year's work in Education. There is also considerable opportunity for getting valuable experience in the actual work of teaching, through the appointment of fellows and substitute teachers.

Much assistance is given to seniors in securing desirable positions as teachers for the following year. But careful discrimination is exercised in making recommendations in regard to professional preparation, and especially in regard to personal character and habits. Schoolmen, understanding the character of the preparation given and the ideals which prevail among our graduates, are constantly sending here in their search for suitable candidates. While no guarantee of a position can be made, it is safe to say that every graduate who proves worthy, and who desires a teaching position, will secure one.

School Committees desiring information in regard to worthy graduates should address Dr. W. J. Mutch, of the Bureau of Appointments. Graduates of Ripon College who desire positions should also notify Dr. Mutch.

State Teachers' Certificates

To those graduates of Ripon College who have completed the required work in psychology and education and are recommended by the College, the state department of education will issue teachers' certificates. Those who wish to meet the requirements and to be recommended by the College for this certificate should take the following courses:

Psychology, one year; Education, one year.

The state superintendent will furnish on request the necessary blanks for making application for a teacher's certificate. The license authorizes the holder to teach for one year in any public school in the State of Wisconsin. The license may be renewed for the same length of time after a year of successful teaching. After a period of two years of successful teaching on a certificate of this kind, the teacher receives an "unlimited State Certificate" valid for life.

COURSES OF INSTRUCTION

Archaeology

PROFESSOR GOODRICH

FIRST QUARTER

1. CLASSICAL ARCHAEOLOGY. A study of important centers of ancient civilization, as Knossus, Mycenae, Athens, Delphi, and Olympia. Study of monuments which are most important for a knowledge of Greek architecture and sculpture. Lectures on the minor arts. Emphasis is placed on the relation of archaeology to literature and history.

Two hours.

SECOND QUARTER

3. TOPOGRAPHY AND MONUMENTS OF ROME. The growth of the ancient city from its foundation to the fourth century; the topography of Rome; study of important monuments. Lectures on Roman architecture and sculpture.

Two hours.

[4. POMPEII AND ROMAN PRIVATE LIFE. The excavations of Pompeii are studied and made the basis of a course of lectures on the life of the Romans.

Two hours. Omitted in 1921-22.]

THIRD QUARTER

39. GREEK MYTHOLOGY IN GREEK AND ENGLISH LITERATURE AND ART. This course is given conjointly with the Department of English Literature. For descriptions, see English Literature, Course 39, offered by Professor Taintor.

Two hours. M., T., W., Th., 2:20.

Bible

PROFESSOR J. F. TAINTOR

FIRST QUARTER

17. THE MESSAGES OF THE PROPHETS.

Three hours. M., W., F., 2:20.

SECOND QUARTER

18. THE TEACHINGS OF JESUS.

Three hours. M., W., F., 2:20.

THIRD QUARTER

19. THE BEGINNING OF THE CHRISTIAN CHURCH.

Three hours. M., W., F., 2:20.

For other Bible Courses see the Department of English Literature for Courses on the Bible as Literature.

Botany and Zoology

PROFESSOR GROVES

MISS FUTCHER

Courses 11, 12 and 13 constitute a minor requirement in biology. Major work may be taken either in botany or zoology. The courses in bacteriology and human physiology may be combined with those in botany or zoology to form a major requirement. Courses other than those outlined below may be offered in Parasitology, Entomology, Plant Ecology and Taxonomy.

FIRST QUARTER

11. GENERAL BIOLOGY. Courses 11, 12 and 13 constitute a year's work in General Biology. Course 1 and about one-half of course 2 are devoted to a study of ecology, morphology, physiology and taxonomy of invertebrate animal life. The last half of course 2 and all of course 3 is devoted to a similar study of the various groups of plants. The work in each of these courses consists of lectures, text book, reference reading, together with laboratory and field work. A special effort is made throughout these courses to acquaint the student with practical applications of plant and animal life.

Five hours. T., T., 10:20; Laboratory, M., W., F., 8:00-10:00, 10:20-12:15, 1:20-2:15.

28. COMPARATIVE ANATOMY OF VERTEBRATES. This course is designed to give an insight into the structure and development of the vertebrates. So far as possible, the work covers the study of the fish, the frog, the bird and the mammals.

Five hours. T., Th., 9:00; Laboratory, M., W., F., 8:00-10:00.

29. AGRICULTURAL BOTANY. This course consists of the study of the ecology, morphology, taxonomy, propagation and uses of plants of economic importance. Some attention is given to the more important forest, field, orchard and garden crops.

Five hours. T., Th., 8:00; Laboratory, M., W., F., 8:00-10:00.

31. BACTERIOLOGY. This course is intended to familiarize the student with the biology of the bacteria in their general relations. Attention is given to bacteriological technique and analysis, to the physiological activities of micro-organisms and to the classification of these forms.

Five hours. T., Th., 1:20; Laboratory, M., W., F., 1:20-3:15.

37. JOURNAL CLUB. A course to put the advanced student in touch with the biological research of the day. Reviews of the work reported in the current magazines are brought before the club for discussion.

One hour. To be arranged.

41. ORGANIC EVOLUTION. (Botany or Zoology.) This course consists of a study of the various theories which seek to explain the origin of species. A study is made of the lines along which evolution has proceeded. Lectures and reports.

Prerequisite: One year of Biology.

Three hours. Hours to be arranged.

43 COURSE FOR TEACHERS. Courses 43, 44 and 45 are designed especially to meet the needs of students who expect to teach biology in secondary schools.

One hour. Hour to be arranged.

47. BIOLOGICAL PROBLEMS. Advanced students may select work along some special line of interest, zoology, bacteriology or human physiology, and receive credit in proportion to the amount and character of the work done.

Hours to be arranged.

SECOND QUARTER

12. GENERAL BIOLOGY. A continuation of Course 11.

Five hours. T., Th., 10:20; Laboratory, M., W., F., 8:00-10:00, 10:20-12:15, 1:20-2:15.

21. PLANT PHYSIOLOGY. A study is made of nutrition, growth, respiration, irritability, reproduction and other activities of the living plant.

Five hours. T., Th., 8:00: Laboratory, M., W., F., 8:00-10:00.

23. HISTOLOGY. (Botany or Zoology.) A study is made of the microscopic character of the various tissues and organs of plants and animals. Practice in the technique of making histological preparations and their subsequent examination. This course is adapted for teachers and medical students.

Prerequisite: One year's work in Biology.

Five hours. T., Th., 9:00; Laboratory, M., W., F., 8:00-10:00.

33. HUMAN PHYSIOLOGY. Attention will be given to the fundamental principles underlying the functions of the body. Special emphasis in the laboratory will be given to nutrition, respiration and the reaction of muscle and nerve tissues to stimuli.

Five hours. T., Th., 1:20; Laboratory, M., W., F., 1:20-3:15.

38. JOURNAL CLUB. A continuation of Course 37.

One hour. Hour to be arranged.

42. HEREDITY. (Botany or Zoology.) A lecture course discussing the facts and laws influencing variation and heredity, with special emphasis on the Mendelian principles and their modern development in both the plant and animal kingdom. Some time is given to principles of plant and animal breeding.

Prerequisite: One year of Biology.

Three hours. Hours to be arranged.

44. COURSE FOR TEACHERS. A continuation of Course 43.

One hour. Hour to be arranged.

48. BIOLOGICAL PROBLEMS. A continuation of Course 47.

Three hours. Hours to be arranged.

THIRD QUARTER

13. GENERAL BIOLOGY. A continuation of Course 12.

Five hours. T., Th., 10:20; Laboratory, M., W., F., 8:00-10:00, 10:20-12:15, 1:20-2:15.

24. PLANT PATHOLOGY. A study of the diseases of plants. The relationships of the fungi and the bacteria that attack plants, their life histories and methods leading to their control are studied both in the classroom and in the laboratories.

Prerequisite: One year of Biology.

Five hours. T., Th., 8:00; Laboratory, M., W., F., 8:00-10:00.

25. EMBRYOLOGY. Work is confined to the embryology of the vertebrates, the chick serving as the chief type. The laboratory is provided with an incubator. The making of preparations from the egg at the different stages of development is part of the student's work in this course.

Prerequisite: Histology.

Five hours. T., Th., 9:00; Laboratory, M., W., F., 8:00-10:00.

32. PUBLIC HEALTH AND SANITATION. A study is made of public conditions affecting health and disease. Some attention is given to the various groups of pathogenic bacteria and to modes of infection and methods of control. Each student will select a topic of special interest for laboratory and library investigation.

Two or five hours. T., Th., 1:20; Laboratory, M., W., F., 1:20-3:15.

39. JOURNAL CLUB. A continuation of Course 38.

One hour. Hour to be arranged.

45. COURSE FOR TEACHERS. A continuation of Course 44. One hour. Hour to be arranged.

46. EUGENICS. (Botany or Zoology.) A lecture course following heredity, which will consider the possibility of inheritance in the human race. Special attention will be given to social improvement and to the influence of social legislation.

Prerequisite: One year of Biology.

49. BIOLOGICAL PROBLEMS. A continuation of Course 48.

Hours to be arranged.

Chemistry

PROFESSOR BARKER

ACTING PROFESSOR KRAUSE

MISS ANDERSON

A four-year course in chemistry is offered. The work of the department has been organized with the idea that a thorough knowledge of purely scientific chemistry is the best basis for future specialization in any branch of the subject. The following courses are, therefore, adapted not only for prospective chemists, but also for those intending to become teachers, engineers, physicians, pharmacists, or agriculturists. The elementary courses may be taken with profit by those who have none of these ends in view, but who recognize chemistry as an important part of a liberal education and who wish to pursue it as a means of general culture.

Students planning to take Chemistry as the major subject should elect Mathematics 11-12 the Freshman year and Physics 21-23 in the Sophomore year. At least two years of a modern language is also recommended.

FIRST QUARTER

11. GENERAL CHEMISTRY. A study of elementary inorganic chemistry, including fundamental laws and theories, and non-metallic elements and their compounds. Lectures, recitations, laboratory work.

Prerequisite: Elementary Physics.

Five hours.

Section 1, M., T., Th., 1:20; Laboratory, W., F., 1:20-3:15.

Section 2, M., W., F., 2:20; Laboratory, T., Th., 1:20-3:15.

Section 3, M., W., F., 10:20; Laboratory, T., Th., 10:20-12:15.

21. QUANTITATIVE ANALYSIS. The theory and practice of typical gravimetric analysis; stoichiometrical relations; and the application of the fundamental laws of chemistry to quantitative analysis. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 17.

Four hours. T., 9:00; Laboratory, M., W., F., 8:00-10:00.

31. ORGANIC CHEMISTRY. An introduction to the study of the compounds of carbon, with especial reference to the Aliphatic Series. In the laboratory typical hydrocarbons and their derivatives will be made and their reactions studied. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 23.

Five hours. M., W., F., 11:20; Laboratory, S., 8:00-12:15.

40. ADVANCED QUALITATIVE ANALYSIS. A course designed especially for students who have had three years of chemistry. In the classroom special attention will be given to the application of the laws of equilibrium and solution.

Three hours. Laboratory, M., W., F., 8:00-10:00.

SECOND QUARTER

12. GENERAL CHEMISTRY. A continuation of Chemistry 11. The metallic elements and their compounds. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 11.

Five hours.

Section 1, M., T., Th., 1:20; Laboratory, W., F., 1:20-3:15.

Section 2, M., W., F., 2:15; Laboratory, T., Th., 1:20-3:15.

Section 3, M., W., F., 10:20; Laboratory, T., Th., 10:20-12:15.

22. QUANTITATIVE ANALYSIS. A continuation of Chemistry 21. Further exercises in gravimetric analysis, followed by volumetric analysis of simple compounds. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 21.

Four hours. T., 9:00; Laboratory, M., W., F., 8:00-10:00.

32. ORGANIC CHEMISTRY. A continuation of Chemistry 31, with especial reference to the mixed compounds and carbohydrates. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 31.

Five hours. M., W., F., 11:20; Laboratory, S., 8:00-12:15.

42. ADVANCED QUANTITATIVE ANALYSIS. Standard methods of food analysis.

Three hours. Laboratory, M., W., F., 8:00-10:00.

THIRD QUARTER

17. QUALITATIVE ANALYSIS. A continuation of Chemistry 12. The class room work will be devoted to a further consideration of the metals. In the laboratory, the qualitative analysis of simple mixtures will be taken up. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 12.

Five hours.

Section 1, M., T., Th., 1:20; Laboratory, W., F., 1:20-3:15.

Section 2, M., W., F., 2:20; Laboratory, T., Th., 1:20-3:15.

Section 3, M., W., F., 10:20; Laboratory, T., Th., 10:20-12:15.

23. QUANTITATIVE ANALYSIS. A continuation of Chemistry 22. Further work in volumetric analysis. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 22.

Four hours. T., 9:00; Laboratory, M., W., F., 8:00-10:00.

33. ORGANIC CHEMISTRY. A continuation of Chemistry 32. The Aromatic Series. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 32.

Five hours. M., W., F., 11:20; Laboratory, S., 8:00-12:00.

43. ADVANCED QUANTITATIVE ANALYSIS. Special work adapted to the needs of the individual student will be assigned.

Three hours. Laboratory, M., W., F., 8:00-10:00.

Economics and Sociology

PROFESSOR FEHLANDT

ASSISTANT PROFESSOR GARDNER

The courses in this department have been re-shaped and amplified, and several new courses have been added. They are arranged in proper sequence and students must not register for courses in advance of their rank in college without express permission. Courses are all numbered with reference to the year

in which they are to be taken. Courses 21, 22, 23, and 35 are basic and required courses for students desiring to choose their major subject in either economics or sociology. Other subjects counting toward a major should be selected in consultation with the instructor. Any of the freshman courses offered in this department are valuable as antecedents to the later studies offered in economics.

ECONOMICS

FIRST QUARTER

11. SOCIAL AND INDUSTRIAL HISTORY OF ENGLAND. Geographic influences and racial elements in English history. The medieval village and the manorial system; town life; merchant and craft guilds; markets and fairs. The Black Death, economic changes, decay of serfdom, the breakup of the medieval system. The domestic system of manufacture; ascendancy of governmental control, extension of foreign trade; the navigation acts. The Industrial Revolution, with resultant changes; the new agriculture; Poor Law reform; Chartism; trade unionism; factory legislation; the co-operative movement. Recent social legislation and democratic tendencies. This course corresponds to History 6 at the University of Wisconsin, and runs through the year. It is required of pre-commerce students in the freshman year.

Three hours. M., W., F., 10:20.

MRS. GARDNER.

15. PHYSICAL AND ECONOMIC GEOGRAPHY. An introductory course that deals with the relation of geography to economics. The physical features of climate and topography, of land and water, of soil and situation and mineral wealth, of natural highways or barriers, are studied as determining factors in giving direction and development to industrial life. A practical study is made of the world's resources of foods, minerals, and other basic elements in industry, with an outline of the arteries and main features of the world's trade.

This course corresponds to Geology 5c at the University of Wisconsin, and runs through the year. It is required of pre-commerce students in the freshman year.

Three hours. M., W., F., 11:20.

MRS. GARDNER.

21. PRINCIPLES OF ECONOMICS: I. MODERN INDUSTRIAL SOCIETY. The evolution of industrial life culminating in the present regime of capitalism. Fundamental assumptions of the present economic order: freedom, contract, private enterprise, private property, bequest and inheritance, competition; the emergence of the social interest and of social control. The production and distribution of goods for human consumption: the several factors and agents, and their organization at the hands of the entrepreneur. The corporation, combinations and "big business." International trade. Money and the mechanism of exchange. The agencies, processes, and means through which goods are produced and distributed for human use. The descriptive side of economics.

Four hours. M., T., W., Th., 1:20.

MR. FEHLANDT.

33. RAILWAY TRANSPORTATION. Importance of communication and of transportation facilities today. Relation of natural highways to the direction of early settlements in America. Beginnings of highway building—the turnpike, the canal, the railroad. Expansion of the railway net. Early forms of public aid and of state control. Trunk lines and competition; rate wars, rate discrimination, agreements, pools, agitation for Federal

control. The Interstate Commerce Act of 1887, and subsequent legislation. Organization of the railway corporation and of its service. Problems of capitalization and management. Theory of rates and principles of rate-making. Wartime control of railways. The Transportation Act of 1920.

Four hours. T., W., Th., F., 10:20. MR. FEHLANDT.

41. LABOR PROBLEMS. Slavery—the school of the world's first workers. Its extent in the ancient world. From slavery to serfdom. The feudal organization of the middle ages. From serfdom to freedom. The Industrial Revolution: destruction of the domestic system of manufacture. The workman is separated from the ownership of the tools of production and becomes a factory "hand." Beginnings of modern factory and machine production, and the emergence of a distinct wage-earning class. History of organized labor, its program, methods, achievements. Public interest in industrial disputes. Methods of conciliation and industrial peace. The Whitley Councils in England. Radical tendencies: syndicalism, guild and state socialism. The meaning and claims of "industrial democracy."

Four hours. M., T., W., Th., 2:20. MR. FEHLANDT.

SECOND QUARTER

12. SOCIAL AND INDUSTRIAL HISTORY OF ENGLAND. Continuation of course 11.

Three hours. M., W., F., 10:20. MRS. GARDNER.

16. PHYSICAL AND ECONOMIC GEOGRAPHY. Continuation of course 15.

Three hours. M., W., F., 11:20. MRS. GARDNER.

18. THE INDUSTRIAL HISTORY OF THE UNITED STATES. The economic aspects of American colonization. Industry and labor in the Colonial era. Economic causes of the Revolution. The epic of westward expansion. Land policies; the growth of population; internal improvements. The economic basis of sectionalism. Notable inventions; the development of typical industries. Outline history of railways, of tariff legislation, of the growth of commerce and the merchant marine, of the ebb and flow of immigration. Recent industrial tendencies and problems of governmental control. This course runs through two quarters.

MRS. GARDNER.

Three hours. M., W., F., 2:20.

22. PRINCIPLES OF ECONOMICS: II. VALUE AND THE DISTRIBUTIVE SHARES IN INDUSTRY. Human wants, the spur to economic activity: their nature and satisfaction. Utility the basis of values; the principles of valuation. Price as the measure of value in exchange. The present regime of price. Rewards in industry through price-fixing and price-receiving. Price determining factors and forces, according to which the distributive shares are fixed in the form of wages—the price of personal services, rent—the price of land use, interest—the price of thrift and abstinence and waiting, and profits—the rewards of enterprise and skill of management. The theoretical side of economics.

Four hours. M., T., W., Th., 1:20. MR. FEHLANDT.

34. MONEY AND BANKING. The place of money in exchange. Its evolution and historic forms. History and significance of coinage. Standard and subsidiary money. Bimetallism, and the difficulty of maintaining a double standard. Gresham's law, with instances of its operation. Currency history of the United States. Paper money; credit: nature, advantage, increasing

scope in the business world, its several forms and instruments. The bank: history, function, specialization of forms and functions. Banking history of the United States. The Federal Reserve System of 1914: organization and operation. The financial organization of modern industrial society.

Four hours. T., W., Th., F., 10:20. MR. FEHLANDT.

42. BUSINESS ORGANIZATION. Nature of business enterprise. The several types of business organization. The corporation: its history, internal organization, its adaptability to large-scale business, and its predominance today. Corporation finance: the raising of capital; various kinds of securities; underwriting and marketing of securities; the stock exchange. Business combination: motives and forms: agreements, pools, trusts, the holding company, the merger and amalgamation. The Standard Oil Company, the United States Steel Corporation, the International Harvester Company and others, as typical large-scale combinations. The two-fold problem of big business: first, that of internal management, regulating the issue of securities, etc.,—of interest to the investor; secondly, the problem of combination and monopoly—of interest to the public as consumers. Blue sky legislation in the several states and other forms of corporation control. Federal statutes seeking to regulate the monopoly of combinations. Public control or public ownership.

Four hours. M., T., W., Th., 2:20. MR. FEHLANDT.

THIRD QUARTER

13. SOCIAL AND INDUSTRIAL HISTORY OF ENGLAND. Continuation of course 12.

Three hours. M., W., F., 10:20. MRS. GARDNER.

17. PHYSICAL AND ECONOMIC GEOGRAPHY. Continuation of course 16.

Three hours. M., W., F., 11:20. MRS. GARDNER.

19. THE INDUSTRIAL HISTORY OF THE UNITED STATES. Continuation of course 18.

Three hours. M., W., F., 2:20. MRS. GARDNER.

23. PRINCIPLES OF ECONOMICS: III. ECONOMIC PROBLEMS AND POLICIES. Modern capitalism under competition: its value, its wastes, its tendency towards large-scale enterprise and monopoly; problems and methods of control. The status of labor under capitalism: unionism, co-operative enterprise, the program of socialism: problems and policies. Present status of agriculture, and problems of agricultural economics: better farming, better marketing facilities, rural credit facilities. The shifting value of the dollar, and the problem of a stable money standard. Public finance: its enlarging scope, needed reforms in taxation. The field of consumption—laying foundations: necessity of educating and elevating human wants and standards; forms of wasteful and noxious expenditure; the wisdom of "sumptuary" legislation, and direction and extent of regulated consumption. Saving. The socialization and stewardship of wealth. The ethical and political side of economics.

Four hours. M., T., W., Th., 1:20. MR. FEHLANDT.

35. STATISTICS. A course in the elements of statistical method, dealing with the principles of collecting, tabulating, and interpreting the measurable phenomena of social life. A study of the sources of statistical data, the use of averages as types, of the construction and use of index numbers; of the construction of tables, diagrams and graphs to present results. An im-

portant study in these days when we must be first sure of our facts, and when these are in many instances so difficult to get at.

Four hours. T., W., Th., F., 10:20. MR. FEHLANDT.

SOCIOLOGY

FIRST QUARTER

37. THE PRINCIPLES OF SOCIOLOGY. The method of approach to society. Man in cosmic evolution; the law of adaptation and survival. Mind and its supremacy as an organ of conscious adaptation. Human progress measured by an increasing knowledge and use of the forces of nature. Stages in this progress. Growth of population; social pressure and social attraction; forces and processes of socialization; the genesis and development of social institutions, and their normal functioning. The enlargement and enrichment of human life through organized association. Social disease and degeneracy. The application of basic principles to conscious human betterment.

Four hours. T., W., Th., F., 9:00. MR. FEHLANDT.

SECOND QUARTER

38. PROBLEMS IN APPLIED SOCIOLOGY. Sociological problems as problems of needed social adjustment. A study of the age-old problem of crime and poverty: theories, causation; how far are we socially responsible? Other problems as unfortunate by-products of a changing social order, or the growing pains of a progressing civilization. The subjects studied include the family, growth of population, the city, rural life, the problem of recreation, the problem of modern swollen fortunes, the woman's movement, the crusade for world peace, and the problem of an efficiently functioning democracy.

Four hours. T., W., Th., F., 9:00. MR. FEHLANDT.

THIRD QUARTER

39. SOCIAL METHODS. This course deals with the entire subject of social need and social relief in its modern setting of scientific knowledge, humanitarian impulse, and democratic aspiration. Penology: history and present methods of dealing with crime. The blind, deaf-mutes, feeble-minded and insane, the backward: programs in education and prevention. Cure and prevention are the notes constantly stressed. Preventive medicine, the anti-tuberculosis crusade, the organized public health movement; better housing, factory legislation, occupational disease, city planning, safety in mines, the fight against drugs. Social insurance, a new line of approach: history, forms, and operation. The minimum wage and a general minimum standard. Educating for efficiency—making human services worth a high minimum: child welfare—scope and methods, the play-ground and recreation movement, vocational guidance and education. Educating for citizenship: the school as a social center, the social settlement, boys' clubs and the Boy Scouts, Americanization work, socialized religion. Eugenics, or a better racial stock: progress possibilities and limitations. The social survey and the social exhibit.

Four hours. T., W., Th., F., 9:00. MR. FEHLANDT.

43. AMERICAN SOCIETY. A study of American characteristics as determined by factors of race, environment and history. Background of colonization and shaping influence of colonial life. Westward expansion and the conquest of a continent: qualities developed. Economic determinism in American his-

tory. European critics of America. Distinctive American traits. Notable American achievements. Our Hall of Fame—the roster of America's Immortals. Infusion of new racial strains through recent immigration: effect upon American ideals and traditions. The power of public opinion, and influences that help to shape it. What is Americanism? America's position and mission in the world's international life.

Four hours. M., T., W., Th., 2:20. MR. FEHLANDT.

44. RACE, LANGUAGE, AND NATIONALITY. Opens with a brief study in the field of ethnology: the antiquity of man; diversities in physical and mental traits; the primary ethnological groups, their distribution and distinctive characteristics. Racial potencies and racial heredity; race rivalries and survival. The races of Europe. Race, language, and nationality: the strength of each as a factor in promoting group consciousness and group solidarity. Resultant rivalries; their relation to past wars, to possible future wars or world peace, and to the progress of civilization.

Four hours. (Omitted in 1921-22.) MR. FEHLANDT.

Education

PROFESSOR MUTCH

One year in Psychology and one year in Education will meet the requirements for a state license to teach in Wisconsin. For a major in Education, or for any one making teaching a vocation, it is desirable that all the courses listed in this department should be taken. The Course in Library Science meets the state requirement for a Teacher-librarian's license. The Course in Public School Music meets the requirements for a state license for Supervisor of Music.

FIRST QUARTER

34. GENERAL PSYCHOLOGY. This course is a necessary foundation for professional work in Education and for all the educated vocations. It should be followed by Courses 35 and 36.

Three hours.

Section 1, M., W., F., 8:00.

Section 2, M., W., F., 3:20.

37. HISTORY OF EDUCATION. This is a fundamental course and should be taken before other courses in Education. It is given every year.

Four hours. T., W., Th., F., 10:20.

SECOND QUARTER

35. APPLIED PSYCHOLOGY. A continuation of Course 34, in the uses of Psychology in everyday life including Social Psychology.

Three hours.

Section 1, M., W., F., 8:00.

Section 2, M., W., F., 3:20.

38. PEDAGOGY. General and special methods of teaching, reports and discussions of observation.

Four hours. T., W., Th., F., 10:20.

[48. PHILOSOPHY OF EDUCATION. Given in alternate years with Course 38.]

THIRD QUARTER

36. EDUCATIONAL PSYCHOLOGY. The most important of all applications of Psychology. It is required for teaching, and is valuable to all thinking people.

Prerequisites: Courses 34, and 35.

Three hours.

Section 1, M., W., F., 8:00.

Section 2, M., W., F., 3:20.

39. EDUCATIONAL ADMINISTRATION.

Four hours. T., W., Th., F., 10:20.

[49. HIGH SCHOOL TEACHING. Given in alternate years with Course 39.

English

Requirements for a Major in English

For a major in English a student should present the following in addition to nine hours of Freshman Composition, C11-13, and the Survey Course in English Literature, 21-23.

1. Nine hours selected from each of the following groups:

A. English Literature.

B. English Composition.

C. Public Speaking and Dramaturgy.

2. Nine additional hours selected from any one of the above groups.

Requirements for a Teacher's Recommendation in English

The special teacher's course of two hours extending throughout the Senior year, in addition to the regular major, is required of those who expect a recommendation for a teaching position in English.

ENGLISH COMPOSITION AND PUBLIC SPEAKING

PROFESSOR BOODY, PROFESSOR GRAHAM,
AND MRS. BOODY

Requirements: English C11-13 is required of all candidates for a degree. Students who make unsatisfactory grades in this course, or who later show themselves careless in the use of English, may be held for further work in composition at the discretion of the department.

FIRST QUARTER

C11. FRESHMAN COMPOSITION. A study of diction, the sentence, the paragraph, and the composition as a whole. Recitations, lectures, readings; written work with conferences.

Three hours.

Section 1, M., W., F., 9:00.

Section 2, M., W., F., 10:20.

Section 3, M., W., F., 11:20.

Section 4, M., W., F., 2:20.

MR. BOODY, MR. GRAHAM, MRS. BOODY

C21. COMPOSITION. Practice in writing with emphasis upon exposition, daily themes, brief and forensic. Frequent individual conferences, required readings.

Three hours. M., W., F., 3:20.

MR. GRAHAM.

C41. COMPOSITION. Criticism. A practical consideration of critical theories from Aristotle to Arnold intended to develop the student's appreciation of literature and enable him to analyze his own problems more intelligently. Lectures, readings, and essay work. Open to upper-classmen.

Three hours. M., W., F., 2:20.

MR. GRAHAM.

C31. JOURNALISM. News reporting and correspondence. Theory of the news story with practical work in reporting and study of the best newspaper practice.

Three hours. M., W., F., 9:00.

MR. BOODY.

C44. ADVANCED JOURNALISM. Open only to members of the staffs of THE COLLEGE DAYS and THE SCRIBBLER.

One to three hours' credit. Hours to be arranged.

MR. BOODY.

C25. PRACTICAL PUBLIC SPEAKING. A course in the preparation and delivery of original speeches. It includes a study of the structure of the short speech and constant drill in the effective methods of delivery.

Three hours. T., W., Th., 1:20.

MR. BOODY.

C35. DEBATING. A systematic study of the principles of oral debate. Analysis of propositions, employment of evidence, refutation, the debating style. Extemporaneous debating, set class debates with criticism by the class and instructor.

Three hours. Hours to be arranged.

MR. BOODY.

C47. COURSE FOR TEACHERS. A consideration of some of the problems of the teacher of English Composition with practical class-room drill.

Two hours. To be arranged.

MR. BOODY.

C38. DRAMATURGY. Three hours throughout the year. Open to upperclassmen. A course designed for those who are interested in modern drama as well as for those who desire practical guidance in amateur production. First Quarter: The acted drama. A survey of the history of the acted drama and a study of representative modern playwrights. Lectures and required readings.

Two hours. T., Th., 9:00.

MR. GRAHAM.

SECOND QUARTER

C12. FRESHMAN COMPOSITION. Continued from first quarter. A study of the composition as a whole. Outlines, themes, recitations, lectures, readings.

Three hours.

Section 1, M., W., F., 9:00.

Section 2, M., W., F., 10:20.

Section 3, M., W., F., 11:20.

Section 4, M., W., F., 2:20.

MR. BOODY, MR. GRAHAM, MRS. BOODY

C22. COMPOSITION. Continued from first quarter. Practice in writing with emphasis upon arguments, short themes, briefs and forensics. Frequent conferences, required reading.

Three hours. M., W., F., 3:20.

MR. GRAHAM.

C42. COMPOSITION. Continued from first quarter. Principles of narration. A laboratory course in narrative writing, with emphasis upon the short-story. Individual conferences and required reading.

Three hours. M., W., F., 9:00.

MR. GRAHAM.

C32. JOURNALISM. Continued from first quarter. Feature writing. The technique of the popular newspaper and magazine article. Lectures, readings, special assignments and individual conferences.

Three hours. M., W., F., 9:00.

MR. BOODY.

C45. ADVANCED JOURNALISM. Open only to members of the staffs of THE COLLEGE DAYS and THE RIPON SCRIBBLER.

One to three hours' credit. Hours to be arranged.

MR. BOODY.

C26. PRACTICAL PUBLIC SPEAKING. Continued from first quarter.

Three hours. T., W., Th., 1:20. MR. BOODY.

C36. DEBATING. Continued from the first quarter. The course is open only to those students who represent the College in intercollegiate debates.

Three hours. Hours to be arranged. MR. BOODY.

C39. DRAMATURGY. Continued from first quarter with emphasis on the influence of the theatre and the actor's art.

Two hours. T., Th., 9:00. MR. GRAHAM.

THIRD QUARTER

C13. FRESHMAN COMPOSITION. Continued from second quarter. Study of the composition as a whole, introductory to more detailed study of exposition, argumentation, and description in Courses C21, C22, and C23.

Three hours.

Section 1, M., W., F., 9:00.

Section 2, M., W., F., 10:20.

Section 3, M., W., F., 11:20.

Section 4, M., W., F., 2:20.

MR. BOODY, MR. GRAHAM, MRS. BOODY

C23. COMPOSITION. Continued from second quarter. Practice in writing with emphasis on narration and description. Short themes, short stories. Frequent individual conferences, required readings.

Three hours. M., W., F., 3:20. MR. GRAHAM.

C43. COMPOSITION. Continued from second quarter. Practice in the one-act play, familiar essay, or allied forms. An effort is made to adapt the program to individual needs and the aptitude of the class as a whole. Special assignments and group work.

Three hours. M., W., F., 2:20. MR. GRAHAM.

C33. JOURNALISM. Continued from second quarter. News interpretation. Editorial and special departmental writing. Constant practice in critical and interpretative work.

Three hours. M., W., F., 9:00. MR. BOODY.

C46. ADVANCED JOURNALISM. Open only to members of the staffs of the COLLEGE DAYS and THE RIPON SCRIBBLER.

One to three hours' credit. Hours to be arranged.

MR. BOODY.

C27. PRACTICAL PUBLIC SPEAKING. Continued from second quarter.

Three hours. T., W., Th., 1:20. MR. BOODY.

C37. INTERCOLLEGIATE ORATORY. A course providing training for those students who desire to enter any of the intercollegiate oratorical contests. The composition and delivery of the college oration.

Three hours. Hours to be arranged.

MR. BOODY.

C48. COURSE FOR TEACHERS. A consideration of some of the problems of the teacher of Public Speaking, with practical class-room drill.

Two hours. To be arranged. MR. BOODY.

C40. DRAMATURGY. Continued from second quarter. Play production. A practical consideration of the problems of amateur production. Work in analysis, coaching, and staging plays.

Two hours. T., Th., 9:00. MR. GRAHAM.

ENGLISH LITERATURE

PROFESSOR J. F. TAINTOR

PROFESSOR KINGSLAND

FIRST QUARTER

21. GENERAL SURVEY OF ENGLISH LITERATURE. This course is continued throughout the year. It should be taken in the sophomore year by all who expect to make English their major subject. It is adapted to those students also who may not be able to give special attention to particular periods but who wish for a general knowledge of the literature of England.

Three hours. M., W., F., 11:20. MR. TAINTOR.

35. THE ROMANTIC MOVEMENT. Readings in the poems of Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, with lectures on the age of which they are the chief representatives.

Four hours. T., W., Th., F., 8:00. MR. TAINTOR.

37. LITERARY CRITICISM. Lectures on the Elementary Principles of Criticism, with their practical application in the study of literary selections.

Two hours. T., Th., 3:20. MR. TAINTOR.

27. BIBLE AS LITERATURE. A study of the historical books of the Old Testament as a part of the literature of the Hebrew people.

Three hours. W., Th., F., 9:00. MR. TAINTOR.

32. SHAKESPEARE'S COMEDIES. Studies in some of the more notable comedies.

Three hours. M., W., F., 10:20. MRS. KINGSLAND.

45. ENGLISH PROSE. A study of the English Essay from Bacon to Stevenson.

Three hours. M., W., F., 10:20. MRS. KINGSLAND.

24. AMERICAN LITERATURE. A general survey of the literature of America from the Colonial period to the present.

Three hours. M., W., F., 9:00. MRS. KINGSLAND.

41. ENGLISH RESEARCH. This course is intended for the advanced student who is capable of doing independent work. To be registered for only by special permission.

One to three hours.

SECOND QUARTER

22. SURVEY OF ENGLISH LITERATURE. A continuation of 21.

Three hours. M., W., F., 11:20. MR. TAINTOR.

36. THE AGE OF TENNYSON. Studies in the poetry of Tennyson and Browning.

Four hours. T., W., Th., F., 8:00. MR. TAINTOR.

38. LITERARY CRITICISM. A continuation of 37.

Two hours. T., Th., 3:20. MR. TAINTOR.

28. BIBLE AS LITERATURE. A study of the biblical literature following the historical books.

Three hours. W., Th., F., 9:00. MR. TAINTOR.

47. COURSE FOR TEACHERS. A consideration of some of the problems of the teacher of literature, with practical class-room drill.

Two hours. To be arranged. MR. TAINTOR.

33. STUDIES IN SHAKESPEARE'S TRAGEDIES.

Three hours. M., W., F., 8:00. MRS. KINGSLAND.

46. CHAUCER. This course is designed for those who desire a general acquaintance with Chaucer's poems, and an insight into the life of the fourteenth century. It consists chiefly in

the reading of the poems, with frequent reports upon matters pertaining to his times.

Three hours. M., W., F., 10:20. MRS. KINGSLAND.

24. 26. SURVEY OF AMERICAN LITERATURE. A continuation of

Three hours. M., W., F., 9:00. MRS. KINGSLAND.

42. ENGLISH RESEARCH. Described under 41.

THIRD QUARTER

23. SURVEY OF ENGLISH LITERATURE. A continuation of 22.

Three hours. M., W., F., 11:20. MR. TAINTOR.

[44. THE AGE OF MILTON. Open also to juniors who have had Course 35 or 36.

Four hours. Not given in 1921-22.] MR. TAINTOR.

29. BIBLE AS LITERATURE. Readings in the New Testament.

Three hours. W., T., F., 9:00. MR. TAINTOR.

39. MYTHOLOGY IN GREEK AND ENGLISH LITERATURE AND ART. This is given as a joint course with Dr. Goodrich. It is a four hour course, two hours being given in each department. It consists of a study of some of the noteworthy myths found in Greek and in English Literature and Art. Illustrated lectures. Open only to juniors and seniors.

Two hours. M., T., W., Th., 2:15. MR. TAINTOR.

34. SHAKESPEARE'S HISTORICAL PLAYS.

Three hours. M., W., F., 8:00. MRS. KINGSLAND.

47. THE DEVELOPMENT OF THE ENGLISH NOVEL.

Three hours. M., W., F., 10:20. MRS. KINGSLAND.

25. THE AMERICAN POETS. Readings from the representative American Poets.

Three hours. M., W., F., 9:00. MRS. KINGSLAND.

43. ENGLISH RESEARCH. Described under 41.

French

PROFESSOR M. B. TAINTOR

FIRST QUARTER

11. ELEMENTARY FRENCH. Drill in pronunciation, the elements of grammar, oral drill, composition, dictation, the reading of simple texts. As far as possible French will be the language of the class room.

Four hours. Section 1, M., T., Th., F., 10:20.

Section 2, M., T., W., Th., 1:20.

21. SECOND YEAR FRENCH. Grammar review, dictation, composition, the reading of French texts, comedies and short stories, oral exercises based on texts read. Conducted in French.

Three hours. M., W., F., 9:00.

31. THIRD YEAR FRENCH. Grammar Review, composition, dictation. A study of the drama of the seventeenth century and of the drama and novel of the nineteenth century.

Three hours. M., T., Th., 2:20.

41. FOURTH YEAR FRENCH. General survey of French literature. Lectures, readings, reports.

Three hours. M., W., F., 8:00.

44. COURSE FOR TEACHERS. A study of the grammars and texts used in the teaching of French in High School; consideration of the problems of the teaching of pronunciation, grammar, reading and literary appreciation. Private tutoring by members of the class, and observation of Classes in Elementary French.

Two hours. W., F., 2:20.

25. CONVERSATION.

One hour. Th., 11:20.

SECOND QUARTER

12. ELEMENTARY FRENCH. Continuation of Course 11.

Four hours. Section 1, M., T., Th., F., 10:20.

Section 2, M., T., W., T., 1:20.

22. SECOND YEAR FRENCH. Continuation of Course 21.

Three hours. M., W., F., 9:00.

32. THIRD YEAR FRENCH. Continuation of Course 31.

Three hours. M., T., Th., 2:20.

42. FOURTH YEAR FRENCH. Continuation of Course 41.

Three hours. M., W., F., 8:00.

45. COURSE FOR TEACHERS. Continuation of Course 44.

Teaching under supervision by members of the class.

Two hours. W., F., 2:20.

26. CONVERSATION.

One hour. Th., 11:20.

24. PHONETICS. A study of the pronunciation of French, the sounds and their production. The use of the phonograph in preparation.

Two hours. T., Th., 8:00.

THIRD QUARTER

13. ELEMENTARY FRENCH. Continuation of Course 12.

Four hours. M., T., Th., F., 10:20.

M., T., W., Th., 1:20.

23. SECOND YEAR FRENCH. Continuation of Course 22.

Three hours. M., W., F., 9:00.

33. THIRD YEAR FRENCH. Continuation of Course 32.

Three hours. M., T., Th., 2:20.

43. FOURTH YEAR FRENCH. Continuation of Course 42.

Three hours. M., W., F., 8:00.

46. COURSE FOR TEACHERS. Continuation of Course 45.

Two hours. W., F., 2:20.

27. CONVERSATION.

One hour. Th., 11:20.

German

PROFESSOR VAN HARLINGEN

FIRST QUARTER

1. COURSE FOR BEGINNERS. This course is arranged for students who have not met the college entrance requirements in German. The work, if satisfactorily done, will admit the student to the Freshman German.

Allen and Phillipson—A First German Grammar.

Throughout the year.

Four hours. M., T., W., F., 2:20.

11. FRESHMAN GERMAN. The course is intended to continue the work begun in the secondary schools. The object is to teach the student to read German rapidly and intelligently without using the medium of English.

Study of the novel or short story; composition and systematic review of the grammar.

Throughout the year.

Four hours. M., T., W., Th., 10:20.

21. SOPHOMORE GERMAN. This course builds upon the foundation furnished by German 11 and prepares the student for

courses in German Literature. Rapid reading, advanced composition.

Throughout the year.

Three hours. M., W., F., 8:00.

31. GERMAN CLASSICAL LITERATURE OF THE EIGHTEENTH CENTURY. Study of the lives and works of Lessing and Schiller. Assigned readings and reports.

Three hours. T., Th., F., 3:20.

Whitney and Stroebe—Advanced German Composition.

41. ROMANTIC PERIOD IN GERMAN LITERATURE. Development of the Romantic Movement in Germany, with special reference to its expression in lyric and the Maerchen.

Three hours. M., W., F., 1:20.

45. COURSE FOR TEACHERS. This course is designed for students who are intending to teach and is open to those who have completed the full course of either 31 or 41.

Composition on assigned themes with review of German grammar, one hour; survey of the history of German Literature, with readings from representative works of each period, one hour.

Discussion of the new methods and their application. Members of this class are called upon to conduct recitations, and are also given opportunity to act as substitute teachers.

Throughout the year.

Two hours. T., Th., 1:20.

SECOND QUARTER

2. COURSE FOR BEGINNERS. Continuation of Course 1.

Four hours. M., T., W., F., 2:20.

12. FRESHMAN GERMAN. Continuation of Course 11.

Four hours. M., T., W., Th., 10:20.

22. SOPHOMORE GERMAN. Continuation of Course 21.

Three hours. M., W., F., 8:00.

32. GOETHE'S LIFE AND WORKS. His plays are studied as the dramatic expression of the poet's period of Storm and Stress and of his classical period. Assigned readings, from Bielschowsky's "Life of Goethe."

Three hours. T., Th., F., 3:20.

42. NINETEENTH CENTURY GERMAN LITERATURE, with special reference to the Drama. Kleist, Grillparzer, Hebbel.

Three hours. M., W., F., 1:20.

46. COURSE FOR TEACHERS. Continuation of Course 51.

Two hours. T., Th., 1:20.

THIRD QUARTER

3. COURSE FOR BEGINNERS. Continuation of Course 2.

Four hours. M., T., W., F., 2:20.

13. FRESHMAN GERMAN. Continuation of Course 12.

Four hours. M., T., W., Th., 10:20.

23. SOPHOMORE GERMAN. Continuation of Course 22.

Three hours. M., W., F., 8:00.

33. Continuation of Course 32.

Three hours. T., Th., F., 3:20.

43. NINETEENTH CENTURY GERMAN LITERATURE. Continuation of Course 42, with special emphasis on the "Jung Deutschland" movement.

Three hours. M., W., F., 1:20.

47. Continuation of Course 52.

Two hours. T., Th., 1:20.

Greek

PROFESSORS GOODRICH AND VAN HARLINGEN

FIRST QUARTER

1. COURSE FOR BEGINNERS. Goodwin's Grammar; Goodwin and White, Anabasis. A year course.

Four hours. To be arranged.

[11. XENOPHON, HOMER. Selections from the Hellenica of Xenophon; Homer's Odyssey, selected portions. Systematic review of grammar. A year course.

Four hours. Omitted 1921-22.]

[14. GREEK TESTAMENT. A careful study, text and interpretation of selected passages in the Greek New Testament.

Prerequisite: Greek 1. A year course.

Two hours Omitted in 1921-22.]

[21. PLATO, EURIPIDES, ARISTOPHANES, LUCIAN. Plato's Apology and selections from other writings; Euripides, Alcestis and Iphigenia in Tauris; Aristophanes, Acharnians; selections from Lucian.

A year course.

Three hours. Omitted in 1921-22.]

[24. THUCYDIDES, AESCHYLUS, DEMOSTHENES. Thucydides, the Sicilian Expedition; Aeschylus, Agamemnon; Demosthenes, On the Crown.

A year course.

Three hours. Omitted in 1921-22.]

[27. CLASSICAL LITERATURE. A study, through English translations, of the masterpieces of Greek and Latin Literature, and of the influence of the classics upon the form and content of later literature.

Three hours. Omitted in 1921-22.]

SECOND QUARTER

2. COURSE FOR BEGINNERS. Continuation of Course 1.

Four hours. To be arranged.

[12. XENOPHON, HOMER. Continuation of Course 11.

Four hours. Omitted in 1921-22.]

[15. GREEK TESTAMENT. Continuation of Course 14.

Two hours. Omitted in 1921-22]

[22. PLATO, EURIPIDES, ARISTOPHANES, LUCIAN. Continuation of Course 21.

Three hours. Omitted in 1921-22.]

[25. THUCYDIDES, AESCHYLUS, DEMOSTHENES. Continuation of Course 24.

Three hours. Omitted in 1921-22.]

THIRD QUARTER

3. COURSE FOR BEGINNERS. Continuation of Course 2.

Four hours. To be arranged.

[13. XENOPHON, HOMER. Continuation of Course 12.

Four hours.]

[16. GREEK TESTAMENT. Continuation of Course 15.

Two hours. Omitted in 1921-22.]

[23. PLATO, EURIPIDES, ARISTOPHANES, LUCIAN. Continuation of Course 22.

Three hours. Omitted in 1921-22]

[26. THUCYDIDES, AESCHYLUS, DEMOSTHENES. Continuation of Course 25.

Three hours. Omitted 1921-22]

[28. CLASSICAL LITERATURE. Studies in English translation. Continuation of Course 27.

Three hours Omitted in 1921-22.]

History and Political Science

PROFESSOR MOORE

ASSOCIATE PROFESSOR GARDNER

FIRST QUARTER

14. MODERN EUROPE, 1500-1789. The Reformation and the conflict for colonial and dynastic supremacy.

Four hours.

Section 1, M., T., W., Th., 10:00.

Section 2, M., T., W., Th., 1:00.

Section 3, M., T., Th., F., 2:00.

21. MEDIAEVAL EUROPE, 275-1100. The Papacy and the Mediaeval Empire, the origins of France and England.

Three hours. M., W., F., 10:20.

[24. MODERN EUROPEAN GOVERNMENTS. Origin of theories on which modern European governments are based.

Two hours. Omitted in 1921-22.]

[37. CONSTITUTIONAL HISTORY OF ENGLAND. Constitutional developments preceding the Tudor period.

Three hours. Omitted in 1921-22.]

34. GOVERNMENT OF THE UNITED STATES. The historical development of American political institutions and practices.

Three hours. W., Th., F., 9:00.

[AMERICAN HISTORY. The Colonial Period from the age of discovery through the revolution, with special reference to the relations of European powers in the new world. The economic and social developments in the English colonies, and the problems of imperial organization.

Four hours. Omitted in 1921-22.]

27. ORIENTAL HISTORY. A review of the civilization of the Nile and Euphrates valley, with emphasis on semetic philosophy and religion.

Four hours. T., W., Th., F., 2:20.

41. HISTORICAL METHOD. Reports on current writings in history and political science. Papers to be contributed by members of the class. Bibliographical and historiographical study. Special emphasis will be given historians who have made contributions to historical method.

One hour. M., 9:00.

[44. TEACHING OF HISTORY. A study of aims and methods in the teaching of history. Courses of study will be prepared, lessons planned, texts and reference books discussed, observation required, and actual teaching provided when possible so as to make the course of real value to the student who plans to teach history.

Juniors admitted only by permission of instructor.

One hour. Omitted in 1921-22.]

SECOND QUARTER

15. MODERN EUROPE, 1789-1830. The French Revolution, the Napoleonic era and the Metternich System.

Four hours.

Section 1, M., T., W., Th., 10:00.

Section 2, M., T., W., Th., 1:00.

Section 3, M., T., Th., F., 2:00.

22. MEDIAEVAL EUROPE, 1100-1300. The high middle age.

Three hours. M., W., F., 10:00.

[25. PROBLEMS OF MODERN DEMOCRACY. The policies European governments have developed in attempting a solution of problems growing out of the Industrial Revolution.

Two hours. Not given in 1921-22.]

[38. CONSTITUTIONAL HISTORY OF ENGLAND, 1500-1800. Continuation of Course 37.

Three hours. Not given in 1921-22.]

35. CONTEMPORARY AMERICAN PROBLEMS. The federal government, and its problems.

Three hours. W., Th., F., 9:00.

[32. AMERICAN HISTORY, 1800-1865. Continuation of Course 31.

Four hours. Not given in 1921-22.]

27. GREEK HISTORY. This course will be developed with particular reference to the progress of Greek civilization through the Hellenistic period. Greek life and thought will be studied in political institutions, philosophy, literature and art. Use will be made of slides, photographs and Greek vases.

Four hours. T., W., Th., F., 2:20.

42. HISTORICAL METHOD. Continuation of Course 41.

Prerequisite: 18 hours in the department.

One hour. M., 9:00.

[45. TEACHING OF HISTORY. Continuation of Course 44.

One hour. Omitted in 1921-22.]

THIRD QUARTER

16. EUROPE SINCE 1830. Developments of Modern European nations, Nationalism, democracy and conflicting interests, the Great War and problems of international reconstruction.

Four hours.

Section 1, M., T., W., Th., 10:00.

Section 2, M., T., W., Th., 1:00.

Section 3, M., T., Th., F., 2:00.

23. MEDIAEVAL EUROPE, 1300-1500. The pre-reformation period.

Three hours. M., W., F., 10:00.

[26. PROBLEMS OF MODERN DEMOCRACY. Continuation of Course 25.

Two hours. Omitted in 1921-22.]

[39. CONSTITUTIONAL HISTORY OF ENGLAND, 1800-1918. Continuation of Course 38.

Three hours. Not given in 1921-22.]

36. CONTEMPORARY AMERICAN PROBLEMS. Local government. Special emphasis will be given problems of state and city government.

Three hours. W., Th., F., 9:00.

[33. AMERICAN HISTORY, 1865-1920. Continuation of Course 32.

Four hours. Not given in 1921-22.]

29. ROMAN HISTORY. Development of the Roman Republic and Empire to the barbarian invasion. Special study will be made of the Roman state life and customs. Slides illustrating Roman architecture and topography and the Ripon College collection of antiquities will be used.

Four hours. T., W., Th., F., 2:20.

43. HISTORICAL METHOD. Continuation of Course 42.

Prerequisite: 18 hours in the department.

One hour. M., 9:00.

[46. TEACHING OF HISTORY. Continuation of Course 45.

One hour. Omitted in 1921-22.]

Latin

PROFESSOR GOODRICH

FIRST QUARTER

1. COURSE FOR BEGINNERS. Special attention is given to the presentation of the subject so that a fairly comprehensive knowledge of Latin may be acquired by those who begin the study of it in the freshman year. This course meets the entrance requirements in foreign language, or may be counted for credit toward graduation.

Through the year.

Five hours. M., T., W., Th., F., 3:20.

4. CICERO-VIRGIL. This course follows Course 1, or may be taken by students who have had two years in the high school.

Through the year.

Four years. M., T., W., Th., 11:20.

11. HORACE, ODES AND EPODES. LIVY. Selections from Livy. Prose composition based on Livy XXI and XXII.

Four hours. M., T., Th., F., 1:20.

21. ROMAN COMEDY. Selected plays of Plautus and Terence. A reading course.

Three hours. M., W., F., 8:00.

[31. TACITUS. HISTORIAE; AGRICOLA. Sections from the letters of Pliny and the epigrams of Martial.

Three hours. Omitted in 1921-22.]

[35. LATIN LITERATURE. Lectures and assigned readings on the literature of the Republic.

Omitted in 1921-22.]

39. JOURNAL CLUB. Reports on books and articles in the current journals and discussion of general topics pertaining to the classics.

Through the year.

One hour. To be arranged.

SECOND QUARTER

2. COURSE FOR BEGINNERS. Continuation of Course 1.

Five hours. M., T., W., Th., F., 3:20.

5. CICERO-VIRGIL. Continuation of Course 4.

Four hours. M., T., W., Th., 11:20.

12. HORACE. Historical Odes and Epodes. Study of Monumentum Ancyranum.

Four hours. M., T., Th., F., 1:20.

[38. LUCRETIUS. DE REFRUM NATURA. Cicero, Tusculan Disputations, Book I, for rapid reading.

Four hours. Omitted in 1921-22.]

22. VIRGIL. The class will read Eclogues, parts of the Georgics, and Books VII and XII of Aeneid. Study of sources, methods and literary influence of Virgil.

Three hours. M., W., F., 8:00.

[32. ROMAN SATIRE. A study of Horace, Juvenal, Perseus, Petronius and of the history of Roman Satire.

Three hours. Omitted in 1921-22.]

[36. LATIN LITERATURE. Lectures and assigned readings on the literature of the early Empire.

Three hours. Omitted in 1921-22.]

40. JOURNAL CLUB. Continuation of Course 37.

One hour. To be arranged.

THIRD QUARTER

3. COURSE FOR BEGINNERS. Continuation of Course 2.

Five hours. M., T., W., Th., F., 3:20.

6. CICERO-VIRGIL. Continuation of Course 5.

Four hours. M., T., W., Th., 11:20.

13. TACITUS. ANNALES. Books I-IV.

Four hours. M., T., Th., F., 1:20.

[23. CICERO'S LETTERS. Interpretative study of the life of Cicero. Selections from the orations and the essays.

Three hours. Omitted in 1921-22.]

37. CHRISTIAN WRITERS OF THE LATE EMPIRE. Lectures on the religious and literary tendencies of the age. Particular study of St. Augustine's "Civitas Dei" and of the Latin Hymns.

Three hours. To be arranged.

34. COURSE FOR TEACHERS. About one-half the time will be given to a study of the more important phases of Latin grammar and to prose composition. Selections from the authors in the high school course will be studied. Special emphasis will be placed upon knowledge of the Roman topography and of Roman life and customs.

Three hours. M., W., F., 8:00.

41. JOURNAL CLUB. Continuation of Course 40.

One hour. To be arranged.

Library Science

MISS HARGRAVE

SECOND QUARTER

42. LIBRARY COURSE FOR TEACHER-LIBRARIANS.

The purpose of the course is to qualify prospective teachers for supervision of school libraries. It is offered to meet the demand of the State Department of Public Instruction, that every school employ a teacher-librarian.

Classification, cataloguing, book selection, reference work, library economy, administration, etc., will be studied. Students will do practice work in the library.

The course is open to juniors and seniors.

Three hours. M., W., F., 8:00.

THIRD QUARTER

43. LIBRARY COURSE FOR TEACHER-LIBRARIANS. Continuation of second quarter course.

Three hours. M., W., F., 8:00.

Mathematics

PROFESSOR WOODMANSEE

MR. BOLLENBECK

The aim of the instruction in this department is to form habits of accurate expression, to develop the power of independent and logical thinking and to develop the principles and methods of the subject under consideration.

A minor in mathematics is any year's work of at least four hours per quarter.

Students who major in mathematics are required to have courses 18, 27, 28, 29, and 33, and enough additional work to make 30 quarter hours, not counting courses 11, 12, 13, 14, 15, 16, 21, and 22.

Students who major in mathematics are recommended to

take at least Physics 21, 22, 23, one year of Philosophy, Psychology and at least one additional year of English beyond that of the freshman year.

FIRST QUARTER

11. ALGEBRA. The course begins with a brief review of the topics covered by the college entrance requirements in algebra. The remainder of the course is given to the study of the properties of quadratic equations, with special emphasis upon their graphical interpretation; mathematical induction; variation; progressions; permutations and combinations; binomial theorem; the general theory of equations with one unknown; the elements of determinants; complex numbers and undetermined coefficients.

Four hours.

Section 1, T., W., Tt., F., 9:00.

Section 2, M., T., W., Th., 3:20.

Section 3, T., W., Th., F., 10:20.

13. MECHANICAL DRAWING. Use of instruments; graphical solution of conic sections; orthographic projection; free hand perspective; development of surfaces; intersection of surfaces; working drawings; lettering; tracing; machine design. A year course. Continued in second and third quarters.

Three hours. M., W., Th., 2:20-4:15.

27. ESSENTIALS OF CALCULUS. Rates and limits; rules for differentiation; tangents and normals; maxima and minima; points of inflection; theorems of mean value; Taylor's theorem; curvature; definite and indefinite integrals; rules for integration; applications to finding volumes, center of gravity, moments of inertia, etc.

Prerequisite: Mathematics 18.

Five hours. M., T., W., Th., F., 10:20.

[42. THEORETICAL MECHANICS. Statics; motion of a particle under constant or varying forces; work and energy; motion of systems or particles under constant or varying forces; motion of rigid bodies.

Prerequisite: Mathematics 27, 28.

Omitted 1921-22.]

21. DESCRIPTIVE GEOMETRY. Problems relating to the point, line and plane, revolution and counter-revolution of objects; curved lines and surfaces; tangent planes; plane sections and development of surfaces.

One recitation and four hours' drawing.

Prerequisite: Mathematics 13.

Three hours. M., T., Th., 2:20-4:15.

32. THEORY OF EQUATIONS. This course is based on Burnside and Patton's Theory of Equations.

Open to students who have had Mathematics 28.

Three hours. M., W., F., 2:20.

SECOND QUARTER

12. PLANE TRIGONOMETRY. This course covers the elementary theory of trigonometric functions and the elements of logarithms.

Four hours.

Section 1, T., W., Th., F., 10:20.

Section 2, M., T., W., Th., 3:20.

Section 3, T., W., Th., F., 9:00.

14. MECHANICAL DRAWING. A continuation of Course 13.

Three hours. M., T., Th., 2:20-4:15.

28. ESSENTIALS OF CALCULUS. A continuation of Course 27. Five hours. M., T., W., Th., F., 10:20.

22. DESCRIPTIVE GEOMETRY. Continuation of Course 21. Two hours. T., Th., 2:20-4:15.

[43. THEORETICAL MECHANICS. Continuation of Course 42. Omitted 1921-22.]

33. DIFFERENTIAL EQUATIONS. Derivation of differential equations; differential equations of first order and first degree; differential equations of first order and higher degrees; singular solutions; linear differential equations; special forms of differential equations of higher orders; simultaneous differential equations; geometric and physical applications; Fourier series; infinite series.

Prerequisites: Mathematics 27, 28.

Three hours. M., W., F., 2:20.

THIRD QUARTER

18. ANALYTICAL GEOMETRY. The point; loci; the straight line; transformation of co-ordinates; the circle; conic sections, including a discussion of the general equation of the second degree; transcendental curves; parametric equations. A brief course on the Analytical Geometry of three dimensions.

Prerequisites: Mathematics 11 and 12.

Five hours.

Section 1, M., T., W., Th., F., 9:00.

Section 2, M., T., W., Th., F., 3:20.

16. COMMERCIAL ALGEBRA, AND THEORY OF INVESTMENT. Short review of progressions, logarithms, limits, series and graphical representation. Some of the topics discussed are compound interest, annuities, amortization, bond valuation, and theory of probability.

This course is especially for those who expect to pursue the commerce course.

Five hours. M., T., W., Th., F., 9:00 or 10:20.

29. ADVANCED CALCULUS. This course supplements Mathematics 27, 28, and is devoted to the more advanced and difficult topics of the subject. Special attention is given to such topics as infinitesimals and differentials; partial differentiation; definite integrals over curves, surfaces and volumes; maxima and minima of two or more variables.

Prerequisites: Mathematics 27, 28.

Four hours. T., W., Th., F., 10:20.

34. DIFFERENTIAL EQUATIONS. Continuation of Course 33.

Three hours. M., W., F., 2:20.

35. PLANE SURVEYING. This course is intended to fit the needs of those students who wish a general course in surveying. A study of the theory of land surveying, leveling, profile, triangulation and topographical work will be given. Practice in the use and adjustment of instruments. Care in proper field notes and office platting will be emphasized.

Prerequisite: Mathematics 12.

Five hours. T., Th., 11:20.

Field work to be arranged.

15. MECHANICAL DRAWING. A continuation of first and second quarter courses.

Three hours. M., T., Th., 2:20-4:15.

[44. THEORETICAL MECHANICS. Continuation of course 43. Omitted 1921-22.]

Military Science and Tactics

LIEUTENANT COLONEL HATHAWAY

FIRST QUARTER

11. MILITARY ART. (A) Practical: Physical Training and Infantry Drill to include School of Squad. Organization, Military courtesy; Care, Handling Arms and Equipment. (B) Theoretical: Organization, Drill, Military Courtesy; Care, Handling Arms and Equipment; Morale.

Three hours. M., T., Th., or T., W., and F., 8:00.

21. MILITARY ART. (A) Same as in Course 11, with additional instruction in leadership as non-commissioned officers, and Signaling and Liaison.

Three hours. M., T., Th., or T., W., and F., 8:00.

31. MILITARY ART. (A) Practical. Duties consistent with rank of officers or non-commissioned officers in connection with the practical work and exercises laid down for the R. O. T. C. Unit. (B) Theoretical. Camp Sanitation, Care of Troops in the Field, Liaison of All Arms, Field Engineering, Military Policy.

Five hours. T. and Th., 11:20, and M., T., and Th., or T., W., and F., 8:00.

41. MILITARY ART. (A) Practical. Same as (A), Course 31. (B) Theoretical. Military History, Law, and Rules of Land Warfare.

Five hours. T. and Th., 11:20, and M., T., and Th., or T., W., and F., 8:00.

SECOND QUARTER

12. MILITARY ART. (A) Practical. Physical Training, Infantry Drill to include Platoon, Hygiene, Interior Guard Duty, Small Arms Firing. (B) Theoretical. Infantry Drill, Hygiene, Interior Guard Duty, and Small Arms Firing.

Three hours. M., T., and Th., or T., W., and F., 8:00.

22. MILITARY ART. (A) Practical. Same as (A), Course 12, and Field Engineering, and work with the Sand Table, construction of entrenchments, obstacles, bridges, etc. (B) Theoretical. Field Engineering, Small Arms Firing, and Infantry Drill.

Three hours. M., T., and Th., or T., W., and F., 8:00.

32. MILITARY ART. (A) Practical. Small Arms Firing, Gallery Practice, Hygiene, Interior Guard Duty, Orders and Messages, Minor Tactics, Military Courtesy. (B) Theoretical. Law, Small Arms Firing, Hygiene, Interior Guard Duty, Minor Tactics, Military Courtesy.

Five hours. T. and Th., 11:20, and M., T., and Th., or T., W., and F., 8:00.

42. MILITARY ART. (A) Physical Training, Infantry Drill, Minor Tactics. (B) Theoretical. Minor Tactics.

Five hours. T. and Th., 11:20, and H., T., and Th., or T., W., and F., 8:00.

THIRD QUARTER

13. MILITARY ART. (A) Practical. Physical Training, Infantry Drill to include company: Care, Handling Arms and Equipment, Minor Tactics, Marching, Ceremonies.

Three hours. M., T., and Th., or T., W., and F., 8:00.

23. MILITARY ART. (A) Practical. Physical Training, Infantry Drill, close and extended order, company; Care, Handling Arms and Equipment, Minor Tactics, Topography, Orders and

Messages, Ceremonies, and Marching. (B) Theoretical. Infantry Drill, Minor Tactics, Topography, Orders and Messages.

Three hours. M., T., and Th., or T., W., and F., 8:00.

33. MILITARY ART. (A) Practical. Topography, Minor Tactics, Field Engineering, Ceremonies, Marching. (B) Theoretical. Law, Topography, Minor Tactics, Field Engineering.

Five hours. T. and Th., 11:20, and M., T., and Th., or T., W., and F., 8:00.

43. MILITARY ART. (A) Practical. Administration and Minor Tactics. (B) Theoretical. Administration, Musketry, and Minor Tactics.

Five hours. T. and Th., 11:20, and M., T., and Th., or T., W., and F., 8:00.

Music

PROFESSOR BINTLIFF, MRS. BARBER, MRS. READE,
MR. ROWLAND

The courses in music which may be elected for credit towards the A. B. degree are as follows: Pipe Organ, Violin, Voice, Choral Music, Advanced Harmony, Analysis of Musical Form, Counterpoint, Appreciation of Music, History of Music. From these forty-two hours may be selected for credit, ten of which may be in practical music, that is, individual instruction in Piano, Organ, Violin, or Voice. The work in applied music is open to juniors and seniors and the approval of the Director of the School of Music must be obtained before registration for college credit. The minimum practice in voice and organ is six hours per week; for piano and violin eight hours per week. The classes in Choral Music, Harmony, Analysis, History of Music are open to any student who has sufficient understanding of music to pursue the work to advantage.

FIRST QUARTER

1. ELEMENTARY THEORY. Sight reading; study of intervals; notation and terminology.

Throughout the year, one hour.

Prerequisite for credit courses.

Hour to be arranged.

10. CHORAL MUSIC. Advanced sight reading.

One hour.

Hour to be arranged.

13. EAR TRAINING. This course is required with 16 and is prerequisite for credit in 16.

Two hours recitation. T., F., 11:20.

16. SCIENCE OF HARMONY. Scales; intervals; chords; inversions.

Text: Percy Goetschius' Theory and Practice of Tone-Relations.

Prerequisite: Courses 1 and 13.

Two hours. M., Th., 11:20.

20. ANALYSIS OF MUSICAL FORM. A detailed study of form in music, analyzing its development from the figure through the Symphony. Required with 23.

Two hours. Hours to be arranged.

23. COUNTERPOINT. Writing in the various species in two, three, four and five parts. Imitation; sequences; the invention and fugue in two parts.

Prerequisite: 1, 13, 14, 15, 16, 17, and 18. Required with 20.

Text: Percy Goetschius' Counterpoint.

Two hours. Hours to be arranged.

30. APPRECIATION OF MUSIC. This course will include the study of the principles of musical form, the development of music into its various branches, the stories of the standard operas and oratorios, and some analytical study of the larger instrumental compositions for piano, violin, and orchestra; such as the sonata, overture and symphony. Lectures and illustrations. The Victrola is used. The purpose of the course is to awaken and develop the faculty of listening. Required with 33.

Two hours. Hours to be arranged.

33. HISTORY OF MUSIC.

Text: Waldo S. Pratt's History of Music.

Two hours. Hours to be arranged.

40. METHODS OF TEACHING PUBLIC SCHOOL MUSIC. This course provides instruction for those students who wish to become teachers or supervisors of music in the Public Schools.

Prerequisites for credit: Courses 1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 30, 31, 32, 33, 34, 35.

Two hours. Hours to be arranged.

36 and 46. PRACTICAL MUSIC. This course includes instruction in violin, voice, piano, or organ. To obtain credit in this course the student must have completed the first and second years of music as prescribed in the courses of the School of Music.

SECOND QUARTER

11. CHORAL MUSIC. Preparation and performance of standard cantatas and oratorios.

Throughout the year. One hour. Hour to be arranged.

14. EAR TRAINING. Continuation of 13 Required with 17 and prerequisite for credit in 17.

Two hours. T., F., 11:20.

17. SCIENCE OF HARMONY. Continuation of 16. Mixed and altered chords; enharmonics, extraneous modulations; extended work in harmonization.

Prerequisite: 1, 13, 14 and 16.

Two hours. M., Th., 11:20.

21. ANALYSIS OF MUSICAL FORM. Continuation of 20.

Prerequisite: 20.

Two hours. Hours to be arranged.

24. COUNTERPOINT. Continuation of 23.

Prerequisite: 23.

Two hours. Hours to be arranged.

31. APPRECIATION OF MUSIC. Continuation of 30.

Two hours. Hours to be arranged.

34. HISTORY OF MUSIC. Continuation of 33.

Two hours. Hours to be arranged.

41. METHODS OF TEACHING PUBLIC SCHOOL MUSIC.

Prerequisite: 40.

37 and 47. PRACTICAL MUSIC. Continuation of 36 and 46.

THIRD QUARTER

12. CHORAL MUSIC. Continuation of 11.

Throughout the year.

One hour. Hour to be arranged.

15. EAR TRAINING. Continuation of 14. Required with 18 and prerequisite for credit in 18.

Two hours. T., F., 11:20.

18. SCIENCE OF HARMONY. Continuation of 17.

Prerequisite: 1, 13, 14, 15, 16 and 17.

Two hours. M., Th., 11:20.

22. ANALYSIS OF MUSICAL FORM. Continuation of 21.

Prerequisite: 20 and 21.

Two hours. Hours to be arranged.

25. COUNTERPOINT. Continuation of 24.

Two hours. Hours to be arranged.

32. APPRECIATION OF MUSIC. Continuation of 31.

Two hours. Hours to be arranged.

35. HISTORY OF MUSIC. Continuation of 34.

Two hours. Hours to be arranged.

42. METHODS OF TEACHING PUBLIC SCHOOL MUSIC. Continuation of 41.

Two hours. Hours to be arranged.

38 and 48. PRACTICAL MUSIC. Continuation of 37 and 47.

Philosophy

PROFESSOR MUTCH

A minor in Philosophy consists of Philosophy 21a, 21b, and 22. A major in Philosophy requires three years' work, and should begin in the second year. Such a major furnishes a good foundation for a professional or cultural training.

FIRST QUARTER

21a. METHOD OF NATURE. Lectures, library reading, class discussions. The aim is to simplify Philosophy for the beginner, to exercise the student in independent thinking, and to furnish an interpretation of nature from the standpoints of science, religion, and philosophy.

Four hours. T., W., Th., F., 11:20.

24. LOGIC. A standard text-book course in deductive and inductive Logic.

Prerequisite: A minor in Philosophy.

Three hours. T., W., Th., 9:00.

[31. HISTORY OF ANCIENT PHILOSOPHY. Given in alternate years with Course 24.]

SECOND QUARTER

21b. METHOD OF NATURE. Completion of Course 21a.

Four hours. T., W., Th., F., 11:20.

41. PRESENT DAY PHILOSOPHY. A rapid survey of present tendencies in philosophical thought.

Prerequisite: A minor in Philosophy.

Three hours. T., W., Th., 9:00.

[32. HISTORY OF MODERN PHILOSOPHY. Given in alternate years with Course 41.]

THIRD QUARTER

22. PHILOSOPHICAL INTRODUCTION. A standard text-book course in elementary Philosophy, intended to help in working out one's own philosophy of life. This course follows Courses 21a, and 21b.

Four hours. T., W., Th., F., 11:20.

43. PHILOSOPHY OF RELIGION. A study of the fundamental character and meaning of religion.

Prerequisite: A minor in Philosophy.

Three hours. T., W., Th., 9:00.

[33. HISTORY OF SCIENTIFIC THOUGHT. Given in alternate years with Course 43.]

Physics

PROFESSOR BARBER

Students who major in Physics will be required to take three years' work in the department and will be expected to select an additional major in mathematics. The following subjects are strongly urged: chemistry; economics; psychology; advanced English, including public speaking; mechanical drawing, and foreign languages.

FIRST QUARTER

11. **ELEMENTARY PHYSICS.** An introductory course in physics for students who wish to become acquainted with the results, methods, and spirit of the science, whether they intend to pursue its study further, or wish an elementary knowledge of physics only as a matter of general information. This course is arranged primarily for students whose major subject is not science. The physical interpretation of principles is emphasized. College mathematics is not required.

Three hours. Arranged on consultation when demanded.

21. **GENERAL COLLEGE PHYSICS.** Fundamental principles of physical science for those contemplating the study of any pure science, or engineering, or medicine, or teaching, or agriculture, are presented mainly from the experimental standpoint. The instruction in lectures, recitations, quizzes, problem papers and private readings is entirely concerned with the principles studied in the laboratory and the practical application of the same. In this manner, a thorough grasp of foundation principles is obtained by continually connecting theory and experiment.

The laboratory work is exclusively quantitative, the aim being to present the subject as a science of exact measurement. The apparatus is all modern, and much of it designed for this particular line of work. With it, the student is put in touch with the methods and instruments of modern physical investigation.

Prerequisite: Trigonometry.

General reference text: Watson, "Physics," or Spinney, "A Text-book of Physics."

Text-book: Millikan, "Mechanics, Molecular Physics and Heat."

Five hours. T., Th., 1:20; Laboratory, M., W., F., 1:20-3:15, or M., W., F., 8:00-10:00.

31. **ADVANCED COURSE IN HEAT AND MOLECULAR PHYSICS.** The aim of this course is to give a comprehensive view of the science of heat in its theoretical aspects, including the elementary principles of Thermodynamics. It has been found to be of especial value as an introduction to the graduate courses in physical chemistry and mechanical engineering as offered in the graduate and technical schools.

Prerequisite: Courses 21, 22 and 23. Calculus is advised but not required.

Text-book: Edser, "Heat for Advanced Students."

Reference text: Preston, "Theory of Heat."

Course 35 is designed to accompany this course.

Four hours. M., T., W., Th., 9:00.

35. **EXPERIMENTAL PHYSICS (Advanced):** Molecular Physics and Heat. The laboratory exercises consist of exact measurements in mercurial, air and resistance thermometry, calor-

imetry, mechanical equivalent of heat, coefficients of expansion and conductivity, molecular and electrical conductivities, coefficients of friction of liquids, vapor pressures and densities, freezing and boiling points, latent and specific heats, hygrometry, pyrometry, radioactive constants, etc. Particular attention will be given to the errors peculiar to heat measurements and the elimination of the same.

Prerequisite: Courses 21, 22 and 23.

Two or more hours. Laboratory, T., Th., 2:20-4:15, or S., 8:00-12:00.

38. COLLOQUIUM. At the weekly meetings the students present before the class, for informal discussion, subjects not treated in the class room, and reviews of articles appearing in the scientific journals. The course also aims to teach the student the efficient use of a reference library, and of the various indexes and catalogues. Each student is required to prepare a bibliography of some one physical subject. The work of the colloquium has an excellent effect in training students to present their ideas in a systematic manner before an auditory.

Open only to students who take their major in Science.

One hour. M., 11:20.

41. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM. This course discusses the fundamental principles of the mathematical theory of electricity and magnetism and their more important applications. It covers a wide range of general knowledge in electricity and magnetism and is required of students expecting to do graduate work in physics or electrical engineering. The text-book is supplemented by lectures.

Prerequisite: Courses 21, 22 and 23 and Calculus.

Text-book: Starling, "Electricity and Magnetism."

Course 45 is designed to accompany this course.

Three hours. M., 10:20, and T., Th., 8:00.

45. EXPERIMENTAL PHYSICS (Advanced); ELECTRICITY AND MAGNETISM. A laboratory course of systematic instruction in precise electrical measurements for students of Physics and Electrical Engineering.

Prerequisite: Courses 21, 22, and 23, and Calculus.

Text-books: Carhart and Patterson, "Electrical Measurements." Charles M. Smith, "Electric and Magnetic Measurements."

Two or more hours. Laboratory, T., Th., 2:20-4:15, or S., 8:00-12:00.

SECOND QUARTER

12. ELEMENTARY PHYSICS. A continuation of Course 11.

Three hours as in Course 11.

22. GENERAL COLLEGE PHYSICS. A continuation of Course 21.

Text-books: Millikan, "Mechanics, Molecular Physics and Heat." Millikan and Mills, "Electricity, Sound and Light."

Five hours as in course 21, T., Th., 1:20; Laboratory, M., W., F., 1:20-3:15, or M., W., F., 8:00-10:00.

32. ADVANCED COURSE IN HEAT AND LIGHT. A continuation of Course 31 and the beginning of Course 33.

Prerequisite: Course 31.

Text-books: Edser, "Heat for Advanced Students." Edser, "Light for Students."

Reference texts: Preston, "Theory of Heat." Preston, "Theory of Light."

Course 36 is designed to accompany this course.

Four hours. M., T., W., Th., 9:00.

36. EXPERIMENTAL PHYSICS (Advanced); Heat and Light. A continuation of Course 35 and the beginning of Course 37.

Prerequisite: Course 35.

Two or more hours. Laboratory, T., Th., 2:20-4:15, or S., 8:00-12:00.

39. COLLOQUIUM. A continuation of Course 38.

One hour. M., 11:20.

42. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM. A continuation of Course 41.

Three hours as in Course 41. M., 10:20, and T., Th., 8:00.

46. EXPERIMENTAL PHYSICS (Advanced); ELECTRICITY AND MAGNETISM.

A continuation of Course 45.

Two or more hours as in Course 45.

Laboratory, T., Th., 2:20-4:15, or S., 8:00-12:00.

THIRD QUARTER

13. ELEMENTARY PHYSICS. A continuation of Course 12.

Three hours as in Course 12.

23. GENERAL COLLEGE PHYSICS. A continuation of Course 22.

Five hours as in Course 22. T., Th., 1:20; Laboratory, M., W., F., 1:20-3:15, or M., W., F., 8:00-10:00.

33. ADVANCED COURSE IN LIGHT. Geometrical and Physical Optics will be treated in detail. Under the former head, some of the most important optical instruments will be studied; under the latter, the wave theory of light will be developed.

This course aims to be a practical and useful study of optics, as well as to give careful scientific explanation of many optical phenomena of common experience. Spectroscopy, diffraction, dispersion, interference, and polarization will be discussed thoroughly in lecture and recitation, and this discussion followed by accurate measurements in the laboratory, which is thoroughly equipped for this work.

Prerequisite: Course 32. Calculus is advised, but not required.

Text-book: Edser, "Light for Students."

Reference text: Preston, "The Theory of Light."

Course 37 is designed to accompany this course.

Four hours. M., T., W., Th., 9:00.

37. EXPERIMENTAL PHYSICS (Advanced); LIGHT. A course of advanced laboratory work in Light, consisting of accurate measurements in diffraction, dispersion, interference, and polarization.

Prerequisite: Courses 21, 22 and 23. Calculus is advised but not required.

Two or more hours. Laboratory, T., Th., 2:20-4:15, or S., 8:00-12:00.

40. HISTORY OF PHYSICS. A course devoted to readings and discussions, in order that the student may become acquainted with the historical development of Physics. A continuation of Course 39.

Open only to juniors and seniors in Physics.

Text-book: Cajori, "History of Physics."

Reference text: Whewell, "History of the Inductive Sciences."

One hour. M., 11:20.

43. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM. A continuation of Course 42.

Three hours as in Course 42. M., 10:20, and T., Th., 8:00.

44. EXPERIMENTAL PHYSICS (Advanced); ADVANCED LABORATORY PRACTICE.

Prerequisite: Courses 31, 32 and 33.

Two or more hours. Laboratory, T., Th., 2:20-4:15; S., 8:00-12:00.

47. EXPERIMENTAL PHYSICS (Advanced); ELECTRICITY AND MAGNETISM. A continuation of Course 46.

Two or more hours as in Course 46.

Laboratory, T., Th., 2:20-4:15, or S., 8:00-12:00.

Physical Education

MR. OLSEN; MISS SCANLON

FOR MEN. (Mr. Olsen.) The work of this department is organized under the heads of representatives on teams, gymnasium work, and physical training. The department endeavors to set before the student ideals of clean sport and give a knowledge of and practice in the most approved principles of physical education and organized athletic activity. All men in the college are expected to take part in some form of athletics if they are physically able. Students with specific defects will be given prescribed corrective work.

The regular work of the department is divided into three periods: fall, winter, spring.

1. FALL. Physical examinations. Elementary football practice: falling on the ball, charging, tackling, punting, catching punts, simple formations and signal practice. Intercollegiate football. Tennis, Track. Cross country running.

2. WINTER. Basket-ball, track, gymnasium work.

3. SPRING. Track, baseball, tennis.

FOR WOMEN. (Miss Scanlon.) The department aims at the promotion of bodily health and strength, the correction of faulty postures, relaxation from mental work, and the development of precision, alertness, and grace of movement. It includes (A) Lectures on hygiene, including the following subjects: Personal Hygiene, School Hygiene, Civic Hygiene, Sex Hygiene; (B) Physical training, including tactics and figure marching, free exercises with and without apparatus, folk dancing, esthetic gymnastics, apparatus work, games and plays, tennis, cross country walks.

Note: Each student is required to provide herself with a gymnasium suit consisting of the following articles: white middie blouse, black tie, bloomers of black serge, black stockings, and black slippers.

1. COURSE FOR FRESHMEN.

Two hours. T., Th., 2:20.

2. COURSE FOR SOPHOMORES.

Prerequisite: Course 1.

Two hours, T., Th., 3:20.

3. COURSE OPEN TO JUNIORS AND SENIORS. Special attention

is given to those who wish to become teachers. Practice teaching. Observation work in the public schools.

Prerequisite: Courses 1 and 2.

One hour. T., 4:20.

4. PLAY HOUR FOR FRESHMEN AND SOPHOMORES.

One hour. Th., 4:20.

Spanish

ASSOCIATE PROFESSOR COLGROVE

FIRST QUARTER

11. ELEMENTARY SPANISH. Careful drill on grammar and pronunciation. Oral translation and written composition. Conversational exercises. Reading of simple prose.

Four hours. T., W., Th., F., 9:00, or M., T., W., Th., 3:20.

21. INTERMEDIATE SPANISH. Reading of modern Spanish novels and comedies. Composition and conversation. Reports on outside reading. Conducted largely in Spanish.

Three hours. M., W., F., 11:20.

31. COURSE IN CONVERSATION. Registration only with consent of instructor. The object of this course is to give the student fluency in the correct use of every-day Spanish. Conducted entirely in Spanish.

Three hours. M., W., F., 1:20.

41. CONTEMPORARY LITERATURE. Conducted entirely in Spanish. The realistic and naturalistic movements. Study of the works of the most prominent Spanish authors of the present day, such as Pereda, Galós, Benavente, Blasco, Ibáñez, etc. Reports in Spanish. Advanced Composition.

Three hours. M., W., F., 2:20.

SECOND QUARTER

12. ELEMENTARY SPANISH. Continuation of Course 11. Advanced grammar, composition, and conversation. Reading of Spanish short stories. Conducted partly in Spanish.

Four hours. T., W., Th., F., 9:00, or M., T., W., Th., 3:15.

22. INTERMEDIATE SPANISH. Continuation of Course 21. Reading of Spanish novels and dramas. Composition and conversation. Reports and themes on collateral reading. Conducted largely in Spanish.

Three hours. M., W., F., 11:20.

32. COURSE IN CONVERSATION. Continuation of Course 31. Conducted entirely in Spanish. Conversation based upon the reading of modern Spanish writers and Spanish-American newspapers and magazines.

Three hours. M., W., F., 1:20.

42. NINETEENTH CENTURY LITERATURE. Conducted entirely in Spanish. Study of Spanish Romanticism as reflected in the Lyric, the Drama and the Novel. The works of Becquer, Zorilla, Espronceda, El Duque de Rivas, etc., will be studied. Reports in Spanish. Advanced composition.

Three hours. M., W., F., 2:20.

THIRD QUARTER

13. ELEMENTARY SPANISH. Continuation of Course 12. Advanced grammar, composition, and conversation. Reading of modern Spanish comedies. Conducted largely in Spanish.

Four hours. T., W., Th., F., 9:00, or M., T., W., Th., 3:20.

23. INTERMEDIATE SPANISH. Continuation of Course 22. Reading of Spanish poetry, novels, and dramas. Composition

and conversation. Reports and themes on collateral reading. Conducted largely in Spanish.

Three hours. M., W., F., 11:20.

33. COURSE IN CONVERSATION. Continuation of Course 32. Conducted entirely in Spanish. Conversation based upon the reading of classical and modern Spanish authors and Spanish-American newspapers and magazines.

Three hours. M., W., F., 1:20.

43. THE GOLDEN AGE IN SPANISH LITERATURE. Conducted entirely in Spanish. Study of the works of Cervantes, Calderon, Lope de Vega, Tirso de Molina, etc. Development of the Lyric, the Drama, and the Novel. Reports in Spanish. Advanced composition.

Three hours. M., W., F., 2:20.

THE SCHOOL OF MUSIC

Faculty

ELIZABETH BATTLE BINTLIFF, A. M.,
Professor of Music and Director of the School
Piano—Pipe Organ

ESTELLA HALL READE,
Instructor in Vocal Music
Teacher of Public School Music Methods

ESTHER ELLEN BARBER, A. B.,
Instructor in Piano, Pipe Organ, Theory and History
of Music and Musical Appreciation

ELIZABETH GERTRUDE MACKINLEY,
Instructor in Public School Drawing and
Industrial Arts

RALPH ROWLAND,
Instructor in Violin

VIOLA HILDENA SHAVE,
Instructor in Piano, Children's Department

The School of Music offers extended courses in the practical and theoretical study of music, designing to fit students for the professional musical life. The special purpose of instruction is to produce musicians who shall combine sound intellectual training with symmetrical development of the musical faculties. To this end all of its work is planned. The regular courses are for those who wish to complete work leading to graduation; but those who wish to pursue only partial courses are also admitted. Preparatory courses have been arranged for piano, violin, and voice, so that the student who is only a beginner may find opportunity for study. The emphasis will be placed on thoroughness of work, whether in the elementary or in the advanced grade.

Courses in Applied Music, Theory, History and Appreciation of Music as outlined will be credited as college electives. The maximum amount of credit allowed toward the degree of Bachelor of Arts is forty-two hours.

Courses of Study

The following outlines of courses of study in the several departments of the School of Music may be varied to meet the needs of individual students.

PIANOFORTE

Preparatory Course

Studies in position and touch. Elementary technique. Major and minor scales in slow practice. Etudes by Burgmuller, Brunner, Duvernoy, Heller, Lecoupey, Loeschhorn, Schytte. Sonatinas by Clementi, Kuhlau, Reinecke, and others. Pieces to suit the grade.

First Year

Mason Technic, major scales and arpeggios. Etudes by Loeschhorn, Czerny, Heller, Bach Little Preludes and Fugues; Sonatas by Haydn, Mozart. Modern pieces. Memorizing.

Second Year

Mason Technic, Etudes by Cramer, Turner, Bach Inventions. Sonatas by Mozart, Beethoven, Weber. Songs without Words, Mendelssohn. Pieces by Schumann, Chopin, Schubert, Raff, Grieg, Godard, Chaminade. Memorizing.

Third Year

Scales in double thirds and sixths. Kullak's Preparatory Octave School. Etudes by Moscheles. English Suites, Bach; Sonatas by Schubert, Weber, Beethoven; Fantasias, Impromptus, etc., by Raff, Mendelssohn, Schubert, Chopin, Schumann; Concertos by Mozart and Mendelssohn. Concert pieces by Rubinstein, Grieg, Moszkowski, MacDowell, Godard, Schytte, Schuett, Sinding. Memorizing.

Fourth Year

Kullak's Octave School. Clementi's Gradus ad Parnassum. Etudes by Chopin, Henselt, etc. Preludes and Fugues, Bach, Conatas and Concertos by Beethoven, Chopin, Grieg, MacDowell, Saint-Saens, etc. Concert pieces by Liszt, Chopin, Schumann, Rachmaninoff, Alkan, Arensky, Carpenter, Debussy, Grainger, and other modern composers. Memorizing.

ORGAN

First Year

Douglas, Rink and Dunham. Nilson Pedal Exercises.

Buck Pedal Phrasing Studies. Bach, Little Preludes and Fugues. Trios by Rheinberger. Easy pieces by Guilmant, Merkel, Batiste.

Second Year

Rink and Whiting, Preludes and Postludes. Bach, Preludes and Fugues. Sonatas by Guilmant, Rheinberger, etc. Mendelssohn, Preludes and Fugues. Modern pieces.

Third Year

Bach Chorales, Preludes and Fugues. Sonatas by Guilmant, Rheinberger, Mendelssohn. Modern pieces.

Fourth Year

Bach Trios, Preludes and Fugues. Sonatas by Mendelssohn, Rheinberger, etc. Concert pieces by classic modern composers. Practical work in accompanying church services and oratorios.

VIOLIN

First Year

Methods of School selected according to age and talent of student. Studies by Hans Sitt, Wohlfahrt, and Hermann. Simple

solis and duets by Pleyel, Mazas, etc. Special attention given to correct position, intonation, and bowing.

Second Year

First year partially followed. Scale work. Blumenstengel. Etudes by Kayser, Dont, and Mazas. Easy sonatines. Soli by Dancla, De Beriot, Leonard, Beethoven.

Third Year

Kreuzer's Etudes. Techniques by Seveik. Sonatas by Sitt, Sarasate, Weinawski, and Mendelssohn.

Fourth Year

Caprices by Fiorillo, Rode. Concerti by Spohr, Piotti, Rode, Bruch, Vieuxtemps, and St. Saens.

VOICE

The aim of this department is to perfect vocal technique, expression and interpretation.

1. The establishment of a pure tone in which there shall be resonance, volume, flexibility and expression. This pure tone is to be acquired by means of perfect breath control, open throat and equalization of registers.
2. A perfect blending of tone and word which results in clear-cut enunciation desired by performer and listener.
3. The art of phrasing; versatility in style.
4. Interpretation of songs, sacred and secular, and of arias from oratorios and operas.

First Year

Tone-placing and blending of registers—Dr. F. E. Miller's Vocal Art-Science; Dr. Edward S. Kimball's Exercises; Henne-man's 101 Exercises; Sieber's Op. 92-96.

Vowel and consonant work—Vaccai Italian Exercises; Sieber, Op. 92-96, and Super-Diction by Louis Graveure.

Flexibility—Lutgen Exercises in Velocity; Sieber, Op. 42-43; Marzo's Preparatory Course. Marchesi, Op. 15.

Phrasing—Marzo Preparatory and Concone, Op. 9; Easy songs for application of principles learned.

Second Year

Marzo, Book 1; Sieber, Op. 45; Marchesi Exercises; Sieber, Op. 30-35; Concone, Op. 10; Songs of the classical school and of the best modern composers.

Third Year

Marzo, Art of Vocalization, Books II, III; Eprile Exercises, Bordogni, Book I; Concone, Op. 12; Study of the classics and arias from oratorios.

Fourth Year

Bordogni, II, III; Aprile Exercises. Concert songs from classic and modern composers. Arias from the operas of German, Italian and French Schools.

THEORY AND HISTORY OF MUSIC

The aim of the courses in these branches of music education is to give the student an intelligent conception of music as a science, aiding him to become a musician capable of understanding and interpreting a wide range of music, and to lay a broad foundation for later studies which he may undertake in the field of composition. This work will be given in classes only. The outline of the course is as follows:

FIRST QUARTER

1. ELEMENTARY THEORY. Sight reading; study of intervals; notation and terminology.

Prerequisite for credit courses.

Throughout the year, one hour.

10. CHORAL MUSIC. Advanced sight reading.

Throughout the year, one hour.

13. EAR TRAINING. This course is required with 16 and is prerequisite for 16.

Two hours recitation.

16. SCIENCE OF HARMONY. Scales; intervals; inversions; modulations; harmonizing of melodies.

Text: Heacox and Lehman's Harmony.

Prerequisite: Courses 1 and 13.

Two hours.

26. ADVANCED HARMONY. Mixed and altered chords; enharmonics; extraneous modulation; extended work in harmonization:

Text: Percy Goetschius' Theory and Practice of Tone-Relations.

Prerequisite: Courses 1, 13, 14, 15, 16, 17, 18.

Two hours.

20. ANALYSIS OF MUSICAL FORM. A detailed study of form in music, analyzing its development from the figure through the Symphony.

Two hours.

23. COUNTERPOINT. Writing in the various species in two, three, four and five parts. Imitation; sequences; the invention and fugue in two parts.

Text: Percy Goetschius' Counterpoint.

Prerequisite: Courses 1, 13, 14, 15, 16, 17, 18, 26, 27, 28.

Two hours.

30. APPRECIATION OF MUSIC. This course will include the study of musical form, the development of music into its various branches, the stories of the standard operas and oratorios, and some analytical study of the larger instrumental compositions for piano, violin, and orchestra; such as the sonata, overture and symphony. Lectures and illustrations. The Victrola is used. The purpose of the course is to awaken and develop the faculty of listening.

Two hours.

33. HISTORY OF MUSIC.

Text: Waldo S. Pratt's History of Music.

Two hours.

2 and 5. PRACTICAL MUSIC. This course includes individual instruction in piano, organ, violin, or voice and choral music.

SECOND QUARTER

11. CHORAL MUSIC. Preparation and performance of standard cantatas and oratorios.

One hour.

14. EAR TRAINING. Continuation of Course 13. Required with Course 17 and prerequisite for credit in 17.

One hour.

17. SCIENCE OF HARMONY. Continuation of Course 16.

Prerequisite: Courses 13, 14, 16.

Two hours.

27. ADVANCED HARMONY. Continuation of Course 26.

Prerequisite: Course 26.

Two hours.

21. ANALYSIS OF MUSICAL FORM. Continuation of Course 20.
Prerequisite: Course 20.

Two hours.

24. COUNTERPOINT. Continuation of Course 23.

Prerequisite: Course 23.

Two hours.

31. APPRECIATION OF MUSIC.

Two hours.

34. HISTORY OF MUSIC. Continuation of Course 33.

Two hours.

3 and 6. PRACTICAL MUSIC. Continuation of Courses 2, 5.

THIRD QUARTER

12. CHORAL MUSIC. Continuation of Course 11.

One hour.

15. EAR TRAINING. Continuation of Course 14.

Required with Course 18.

One hour.

18. SCIENCE OF HARMONY. Continuation of Course 17.

Prerequisite: Courses 13, 14, 15, 16, 17.

Two hours.

28. ADVANCED HARMONY. Continuation of Course 27.

Prerequisite: Course 27.

Two hours.

22. ANALYSIS OF MUSICAL FORM. Continuation of Course 21.

Prerequisite: Course 21.

Two hours.

25. COUNTERPOINT. Continuation of Course 24.

Prerequisite: Course 24.

Two hours.

32. APPRECIATION OF MUSIC.

Two hours.

4 and 7. PRACTICAL MUSIC.

PUBLIC SCHOOL MUSIC

This course provides instruction for those students who wish to become teachers or supervisors of music in the public schools. It may be completed in two years.

In order to enter upon this course, a student must have completed a High School course and have ability to play at sight the average school songs.

FIRST QUARTER

1. SIGHT-READING, STUDY OF INTERVALS, NOTATION AND TERMINOLOGY.

13, 14, 15. EAR TRAINING.

10, 11, 12. ADVANCED SIGHT-READING CHORAL CLASS, including the study of standard cantatas and oratorios.

16, 17, 18. HARMONY, first year.

33, 34, 35. HISTORY OF MUSIC. Voice Culture and Piano.

SECOND QUARTER

Methods of Teaching. Practice Teaching.

26, 27, 28. HARMONY, second year.

20, 21, 22. ANALYSIS OF MUSICAL FORM.

30, 31, 32. APPRECIATION OF MUSIC. Education. Voice Cul-

ture and Piano.

METHODS OF TEACHING

Progressive Music Series.

New Educational Course.

Modern Music Series.

The Hollis Dann Music Course.

This course accomplishes four results through the Sensory, Associative and Adolescent periods:

1. Develops the physical, mental and spiritual life of the pupil.
2. It provides an intensive type of training.
3. It has a socializing force of high value.
4. It provides an excellent means of spending leisure hours.

The course covers the following subjects: Correct position of the body. Breathing Exercises. Voice-placing and voice development. Care of the child voice. Care of the voice as related to part-singing. Relation between the singing and speaking voice. Connection of monotonies. Rhythm; beating time; the use of the baton, pendulum and metronome. Tone thinking. Visualizing tones. Correlation of the teaching of reading and teaching of music. The use of Talking Machines in the school room. Outlines for the grades and for junior and senior high schools. Music and its power of discipline. The relation of the supervisor to the grade teacher, the principal, the superintendent and the board of education. Professional reading.

Observation work in the schools, choirs and choral club of Ripon.

Practice teaching in the Ripon public schools.

TRAINING COURSE IN PUBLIC SCHOOL DRAWING AND INDUSTRIAL ART

This is a two year course and includes the following subjects: Mechanical Drawing, Applied Design Pencil Water Color, Industrial Work, Methods of Teaching, and History of Art. Observation and practice teaching in the Public Schools of Ripon.

REQUIREMENTS FOR GRADUATION

A Diploma is granted on the completion of any single four-year course as outlined, for Piano, Organ, or Voice. In addition the student must have completed the three-year course in Theory, which includes Courses 1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35.

Candidates for graduation must have completed academic work equivalent to a high school course and including the following subjects:

History 2 units, Science 1 unit, Algebra 1 unit, Modern language, French, Spanish, German (as the student may elect), 3 units, English 3 units. In addition to these subjects, English and Public Speaking are required.

A certificate of entrance credits should be sent in advance, or presented at time of entrance.

Students must give a public recital, during the last year of each course which they complete.

The Board of Trustees of Ripon College confer the degree of Bachelor of Music upon students who meet the following conditions:

The requirements for entrance are the same as for College entrance. The practical preparatory musical work must be completed to the work of the first year as outlined in the Catalogue. Two courses in practical music must be pursued, one of which must be the piano. The other course may be either organ, violin, or voice, as elected. The student will be required to do three years' work in the Theory and History of Music, and to carry four hours' work in some College subject each quarter

for the four years it takes for graduation. The Freshman English is required. Beyond that the student may elect his literary work. The number of honor credits in this course must equal the number of hour credits required.

Day Pupils

To meet the demands for music instruction on the part of the residents of Ripon and vicinity, who have not time or desire to take any of the regular courses, or to take studies in the College, the following arrangements may be made: Pupils will be received from their homes, and will simply report to the teacher for instruction at appointed hours, and have no further connection with the School. Tuition will be the same as for the other students of the School of Music.

Musical activities are planned which will be of interest and profit. The School of Music is the center of the musical life of Ripon. Everything of real value pertaining to the subject of music education and advancement will be considered and encouraged by the Director.

Tuition and Expenses

In the matter of expense, a school of Music in a small city like Ripon has great advantages to offer over those in larger cities. The expenses of living are less, for both teacher and pupil. The best instruction can be given, at prices which could not be offered in a larger place. The cost of board and room is very reasonable, as compared with prices in many cities.

Tuition, per quarter, payable in advance:

Two private lessons per week:

Piano -----	\$35.00
Organ -----	40.00
Voice -----	35.00
Violin -----	25.00

One private lesson per week, forty-five minutes:

Violin -----	20.00
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Fees for Public School Drawing and Industrial Art:
Full Course:

First year, per quarter -----	\$30.00
Second year, per quarter -----	35.00

Separate Subjects:

Water-Color, two-hour lesson per week, per quarter -----	15.00
Other subjects, two hours per week, per quarter -----	10.00

Classes in Theory, Appreciation of Music and History, Choral work.

Course 1 is open to all students of the College and of the School of Music, free of charge.

Courses 10, 11 and 12. This class is open to students of the College, School of Music, and also to citizens of Ripon, who enjoy the study of the Standard Cantatas, Masses or Oratorios.

Tuition per quarter:

1st Year Harmony and Ear Training -----	\$10.00
2nd Year Harmony and Analysis--	10.00
Counterpoint -----	5.00
History of Music -----	5.00
Appreciation of Music -----	5.00
Methods of Teaching Public School Music, in class -----	6.75

Use of Piano for Practice:

One hour a day, per quarter -----	3.00
Two hours a day, per quarter----	5.00
Additional hours, each, per quarter	1.50
Use of the church organ, for practice, per hour -----	.25

A student of the School of Music may take college subjects at the following rate of tuition:

One course will be nine dollars; each additional course at the rate of two dollars and twenty-five cents for each quarter hour of work.

All students of the School of Music are required to attend all student recitals, unless excused by the Director.

A fee of \$5.00 per quarter is charged all except day pupils, to cover the following charges: Subscription to College Days, gymnasium fees, and tickets admitting to all athletic and forensic contests, and the concert course.

Rooms may be rented in the dormitories for from \$15.00 to \$20.00 per quarter. Board has been obtained at the Commons for \$5.00 per week. Other boarding places can be found, where prices are reasonable. All bills for tuition must be paid at the beginning of the year, or special arrangements made with the Financial Manager of the College.

This must be done, and the name registered, before lessons can be assigned. No deduction will be made for absence from lessons except in cases of illness of two

weeks or more, when the loss will be shared equally by the School of Music and the student, on the written order of the Dean. All non-resident students of the School of Music are subject to the regulations of the College.

Miscellaneous Items

No prices will be made by the lesson or for any time less than a quarter.

Pupils from out of town may arrange for an hour lesson once a week instead of half hours twice a week.

Pianos for practice can be rented at the School of Music or elsewhere in Ripon.

No student of the School of Music will be allowed to take a musical part in any public exercises without permission from his teacher.

Quarters of the School of Music commence with those of the College, and its holidays are the same as those observed by the College.

All persons desiring musical instruction are encouraged in every possible way; graduates and others who have been students of Ripon School of Music will be recommended to fill suitable positions whenever it can be conscientiously done.

BOARD OF TRUSTEES

Officers

*HENRY COE CULBERTSON, *President of the College, ex-officio President.*

MISS SHIRLEY FARR, *Vice-President.*

SAMUEL M. PEDRICK, *Secretary.*

JOHN W. WRIGHT, *Treasurer*

Term Expires 1921

GEORGE M. STEELE, M. D., Oshkosh.

FREDERICK W. UPHAM, Chicago, Ill.

President of the Board of Review, Cook County, Illinois; of Upham and Agler; of Wisconsin Oak Lumber Company; and of City Fuel Company.

W. H. HATTON, New London.

Lumberman and Manufacturer.

MISS SHIRLEY FARR, Chicago, Ill.

Sub-Editor of the American Historical Review, Carnegie Institute, Washington, D. C.

D. D. SUTHERLAND, Fond du Lac.

Lawyer.

WILLIAM R. DAWES, Chicago, Ill.

First Vice-President Central Trust Company of Illinois.

FRANK J. HARWOOD, Appleton.

President of Appleton Woolen Works.

REVEREND D. K. ROBERTS,

Pastor of the Welsh Church, Racine.

Term Expires 1922

JOHN W. WRIGHT, Ripon.

President Ripon Knitting Works.

FREDERICK SPRATT, Ripon.

Cashier First National Bank.

FRANK K. SANDERS, New York City.

Director, Board of Missionary Preparation.

ARTHUR E. LEONARD, La Grange, Ill.

Pastor First Congregational Church.

JAMES L. STONE, Ripon.

Cashier American National Bank.

W. B. FOSTER, Ripon.

President Mattice-Foster Co.

*Resigned January 1, 1921.

Term Expires 1923

JOHN G. SEELIG, Ripon.

Barlow and Seelig Manufacturing Co.

SAMUEL M. PEDRICK, Ripon.

Lawyer.

J. B. BARLOW, JR., Ripon.

President Barlow and Seelig Manufacturing Co.

F. A. CHADBURN, Columbus.

President First National Bank.

E. J. BARRETT, M. D., Sheboygan.

PAUL J. THOMPSON, Minneapolis.

Lawyer.

Standing Committees

Executive Committee: MESSRS. STONE, PEDRICK, SPRATT, FOSTER, BARLOW, and SEELIG.

Committee on Instruction: MISS FARR, MESSRS. SANDERS, and THOMPSON.

Committee on Grounds and Buildings: MESSRS. FOSTER, SEELIG, STONE, and BARTLETT.

Auditing Committee: MESSRS. SUTHERLAND and CHADBURN.

Committee on Investments: MESSRS. WRIGHT, PEDRICK, and STONE.

Committee on Honorary Degrees: MESSRS. HARWOOD, LEONARD, and MISS FARR.

Special Committee on Finance and Endowment: MISS FARR, MESSRS. DAWES, UPHAM, and CHADBURN.

The President of the College is, ex-officio, member of all committees.

FACULTY

The College

*HENRY COE CULBERTSON, D. D., LL. D., Litt. D., 121 Thorn St.

President and Professor of World Literature and Biblical History.

A. B., University of Cincinnati, 1885; Law Student, Columbia University, 1896-98; B. D., University of Chicago, 1900; D. D., Lenox College, 1910; LL. D., Missouri College, 1914; Litt. D., Carroll College, 1919; Assistant Pastor, Presbyterian Church, Lake Forest, Ill., 1901-02; Pastor, First Presbyterian Church, Iola, Kansas, 1902-07; President of the College of Emporia, Kansas, 1907-17; Chief of Section of Co-operating Organizations, United States Food Administration, Washington, D. C., 1917-18; Lecturer, United States Committee on Public Information, 1918; President of Ripon College, 1918.

WILLIAM HARLEY BARBER, A. M., 416 Woodside Avenue.

Dean, Professor of Physics, and Acting President.

B. S., University of Wisconsin, 1901; A. M., University of Wisconsin, 1909. Assistant Principal Ripon High School, 1901-4; Principal Ripon High School, 1904-5; United States Department of Commerce and Labor, Bureau of Standards, Washington, D. C., 1905-6. Graduate Student in Physics, University of Chicago, summer terms, 1911-13, and year 1913-14. Professor of Physics, Ripon College, 1906. Dean, January, 1915. Acting President, 1917-18. Ripon College, 1906.

JESSE FOX TAINTOR, A. B., 616 Ranson Street.

Professor of English Literature and Biblical Literature.

A. B., Ripon College, 1873. Andover Theological Seminary, 1875-78. Pastorates in Iowa, 1878-83; Rochester, Minn., 1886-1903. Graduate Student Chicago University, 1903, 1905. In Europe for study and travel, 1911-12. Ripon College, 1905.

WILLIAM JAMES MUTCH, PH. D., 221 Watertown Street.

Holton Professor of Philosophy and Education.

A. B., University of Wisconsin, 1882; B. D., Yale Divinity School, 1885; Ph. D., Yale University, 1894. Lecturer in Pedagogy, Yale Divinity School, 1900-2. Pastor of Howard Avenue Congregational Church, New Haven, Conn., 1885-1897. Ripon College, 1907.

ELIZABETH BATTLE BINTLIFF, A. M., 650 Woodside Avenue.

Professor of Music and Director of the School of Music.

Student, Oberlin Conservatory of Music. Organ Pupil, Fennel B. Rice and Clarence Eddy. Piano Pupil, George W.

* Resigned, January 1, 1921.

Steel and William H. Sherwood. Theory Pupil, George W. Chadwick and Frederick Grant Gleason. Studios in Janesville, Wis., and Chicago, Ill. Organist, St. Paul's Episcopal Church, Milwaukee, and Leavitt Street Congregational Church, Chicago, Ill. Professor of Music and Director of Conservatory of Music, Olivet College, 1893-1909. A. M., Olivet College, 1902. Ripon College, 1909.

EDNA VAN HARLINGEN, A. M., Lyle Hall.

Professor of German.

A. B., Vassar College, 1911; A. M., Chicago University, 1920; Latin and German, Bloomfield Normal School, Bloomfield, Iowa, 1907; Latin and German, Miamisburg High School, Miamisburg, Ohio, 1908; Instructor in German, Ripon College, 1912. Graduate work, University of Chicago, 1915. Professor of German in Ripon College, 1916. Ripon College, 1912.

GRACE GERTRUDE GOODRICH, PH. D., Lincoln Street.

Professor of Classics.

A. B., Ripon College, 1906; A. M., 1907; Ph. D., University of Wisconsin, 1913. Teacher of Latin and English, Wabasha, Minn., 1907-9. Student, American School of Classical Study at Rome, 1909-10. Graduate Student, University of Wisconsin, 1910-11. Graduate Student, Bryn Mawr College, 1911-12. Assistant in Latin, University of Wisconsin, 1912-13. Ripon College, 1913.

JOSEPHINE RUTH HARGRAVE, A. B., S. B., 415 Thorn Street.

Librarian and Professor of Library Science.

A. B., Ripon College, 1906. S. B., Simmons College Library School, Boston, Massachusetts, 1909. Librarian, Public Library, Dickinson, North Dakota, 1909-14. Ripon College, 1914.

WILSON ROBB WOODMANSEE, A. M., 649 S. Grove St.

Registrar and Professor of Mathematics.

A. B., Indiana University, 1902; A. M., University of Wisconsin, 1914. Principal of High School, Sycamore, Indiana, 1898-1900. Mathematics, Winona Academy, Winona Lake, Indiana, 1902-8; Professor of Mathematics, William and Vashti College, Aledo, Illinois, 1908-13. Graduate Student, University of Indiana, summer of 1909; Graduate Student, University of Wisconsin, summers 1912-14-15, and year 1913-14. Assistant in Mathematics, University of Wisconsin, 1913-14. Ripon College, 1914.

AUGUST FREDERICK FEHLANDT, A. B., B. D., Lincoln St.

Professor of Economics and Sociology.

A. B., University of Wisconsin, 1891. Princeton University and Seminary, 1891-92. B. D., Yale University, 1894. University of Chicago, summer session, 1919. Ripon College, 1914.

HENRY PHILLIPS BOODY, A. M., 621 Ransom Street.

Professor of English Composition and Public Speaking.

A. B., Bowdoin College, 1906; A. M., Columbia University,

1920; Sub-master and Head of the Department of English, Norway High School, Maine, 1906-8; Head of the Department of English, Maine Wesleyan Seminary and College, Kent's Hill, Maine, 1908-12; Vice-principal and Professor of English, Maine Wesleyan Seminary, 1912-15. In Europe for study and travel, 1914. Columbia University Summer Sessions, 1915, 1917, 1918 and 1919. Ripon College, 1915.

JAMES CLARK GRAHAM, A. M., 223 Thorn Street.

Professor of English Composition and Public Speaking.

A. B., Grinnell College, 1916; A. M., Columbia University, 1920. U. S. N. R. F. Officers' Training, University of Chicago, Summer, 1918; Northwestern University, Fall, 1918. Columbia University, Summer Session, 1917, 1919, and Second Semester, 1920. Ripon College, 1916.

HAROLD GOODWIN OLSEN, A. B., 206 Hall Street.

Physical Director.

A. B., University of Wisconsin, 1917. United States Aviation Service, 1918-19. Ripon College, 1917.

***AUGUSTUS LAWRENCE BARKER, M. S., 524 Lincoln St.**

Professor of Chemistry.

B. S., University of Alabama, 1910; M. S., University of Alabama, 1911. Fellow in Chemistry, University of Alabama, 1910-11; Instructor in Biology, University of Alabama, 1911-13; Teacher of Science, Monroe (La.) High School, 1913-14; Fellow in Chemistry, University of Chicago, 1914-1915; Assistant Professor of Chemistry, University of Mississippi, 1915-16; Instructor in Physiology, Emory University (Atlanta Medical College), 1916-17. Graduate Student, University of Chicago, Summers 1913, 1914, 1919, and Session 1914-15. Ripon College, 1917.

CLIFFORD HOMER MOORE, A. M., 823 Watson Street.

Professor of History.

A. B., Indiana University, 1912; A. M., University of Chicago, 1915. Graduate Student, University of Chicago, 1917-18; Instructor in History and Critic in Methods of Teaching History, University of Iowa, 1915-17. Ripon College, 1918.

JAMES FREDERICK GROVES, PH. D., 616 South Grove.

Professor of Botany and Zoology.

A. B., Ewing College, 1906. Ph. D., University of Chicago, 1915. Superintendent of City Schools, 1906-11; Graduate Student and Assistant, University of Chicago, 1911-15; Assistant Professor of Biology, University of Wyoming, 1915-18. Pathologist U. S. Plant Disease Survey Work, 1917-19. Ripon College, 1918.

GERTRUDE SOUTHWICK KINGSLAND, A. M., 121 Thorn Street.

Dean of Women and Professor of English Literature.

Ph. B., Hamline University, 1888; A. M., 1912; Dean of Women, 1909-12; Graduate Study, Columbia University,

* On leave of absence, for graduate study at the University of Wisconsin, 1920-21.

1912-13; A. M., 1913; Acting President, Albert Lea College for Women, 1912-16; Graduate Study, University of Chicago, 1916-17; Dean of Women, Kendall College, 1917-18; Graduate Study, Columbia University, 1918-19; Ripon College, 1919.

MARY BUCKLEY TAINTOR, A. M., 616 Ransom Street.
Professor of French.

A. B., Ripon College, 1911; A. M., Ripon College, 1916; A. M., Stanford University, 1918. Student, American School of Classical Study at Rome, 1911-12; in Paris and Grenoble, Summers of 1911 and 1913. Graduate Student, Stanford University, 1917-18; University of Chicago, Summer Terms, 1912, 1919. Teacher of Latin and French in College Department of Milwaukee State Normal, 1912-1917. Instructor in Latin, Stanford University, 1917-18. Teacher of Latin and French in Polytechnic High School, Venice, California, 1918-19. Columbia University Summer Session, 1920. Ripon College, 1919.

ELWYN BUSIAN KRAUSE, A. B., 833 Watson Street.
Acting Professor of Chemistry.

A. B., Ripon College, 1914. Instructor in Chemistry, Ripon College, 1914-15; Instructor in Chemistry, Fond du Lac High School, 1915-17; Assistant Chemist U. S. Bureau of Standards, Washington, D. C., 1918; Ripon College, 1919.

MYRTLE BLACKWOOD BOODY, A. B., 621 Ransom Street.
Instructor in English Composition.

A. B., Bates College, 1906. Teacher of Latin, Norway High School, Maine, 1906-10. Latin and English, Storer College, West Virginia, 1910-1912. Preceptress and Head of Latin Department, Kent's Hill Seminary, Maine, 1912-15. Ripon College, 1919.

CHARLES EMERY HATHAWAY, Lieutenant Colonel of Cavalry, U. S. A., 832 Watson Street.

Professor of Military Science and Tactics.

Graduate, Cavalry School, Fort Riley, Kansas, 1907. Active Service, Philippine Islands and Mexico. In command of the Reserve Officers' Training Corps, Ripon College, May, 1920.

MARY A. MACHIN GARDNER, A. M., Bartlett Hall.

Associate Professor of History and Economics.

A. B., Knox College, 1905. A. M., Knox College, 1909. History and English, Huron College, 1919-20. Ripon College, 1920.

M. ELIZABETH COLGROVE, A. B., Parkhurst Hall.

Associate Professor of Spanish.

A. B., New Windsor College, 1889; Student of Voice, Mrs. K. Doane, Baltimore, 1889-1894; Heydrich Gesangschule, Halle an der Saale, Germany, 1900-01; Chicago Musical College, 1913; Instructor in Music and Modern Languages, New Windsor College, 1890-96; Instructor in Voice and Modern Languages, Darlington Seminary, 1899-1900; Director of Conservatory of Music, Hudson River Institute, 1901-02; Instructor in Modern Languages, James Milliken University, 1903-05; Assistant Professor 1905-07; Asso-

ciate Professor, 1907-11; Professor of Modern Languages and Dean of Women, Northwestern College, 1911-13; Director of Denver Conservatory of Music, 1913-14; Instructor in Modern Languages and Music, Chattanooga High School, 1914-17; Supervisor of Music, Chattanooga Schools, 1917-18; Professor of Romance Languages, Transylvania College, 1918-19; Professor of Romance Languages, Tennessee College, 1919-20. Ripon College, 1920.

LUCILE ANDERSON, A. B., Bartlett Hall.

Instructor in Chemistry.

A. B., Ripon College, 1920. Ripon College, 1920.

EVAMAY FUTCHER, A. B., 632 Ransom Street.

Instructor in Biology.

A. B., Hiram College, 1919. Teacher of Mathematics and Biology, Mantua High School, 1919-20. Ripon College, 1920.

** WALLACE HANSON HAYDEN, A. B., E. M.

Instructor in Mathematics.

A. B., Bowdoin College, 1909. Graduate work at Columbia University, 1910-11. E. M., Colorado School of Mines, 1914. Ripon College, 1920.

ALFRED WILLIAM BOLLENBECK, A. B., Watson Street.

Instructor in Mathematics.

A. B., Ripon College, 1918. Ripon College, 1921.

The School of Music

* HENRY COE CULBERTSON, D. D., LL. D., Litt. C.

President.

ELIZABETH BATTLE BINTLIFF, A. M., 650 Woodside Avenue.

Professor of Music and Director of the School of Music.

Student, Oberlin Conservatory of Music. Organ Pupil, Fenelon B. Rice and Clarence Eddy. Piano Pupil, George W. Steel and William H. Sherwood. Theory Pupil, George W. Chadwick and Frederick Grant Gleason. Studios in Janesville, Wis., and Chicago, Ill. Organist, St. Paul's Episcopal Church, Milwaukee, and Leavitt Street Congregational Church, Chicago, Ill. Professor of Music and Director of Conservatory of Music, Olivet College, 1893-1909. A. M., Olivet College, 1902. Ripon College, 1909.

ESTELLE HALL READE, 121 Thorn Street.

Instructor in Vocal Music.

Pupil of William H. Stockbridge, Portland, Me.; Madame Perkins, Washington, D. C.; Dr. Edward S. Kimball, Washington, D. C.; Benjamin F. Wood, Boston; Mary Kimball, Washington, D. C.; and of Herman Kotschmar, Portland, Me. Head of Vocal and Public School Music Methods Departments, Conservatory of Music, Olivet College, 1897-1909. Ripon School of Music, 1909.

**Part of year only.

* Resigned January 1, 1921.

ESTHER ELLEN BARBER, A. B., 416 Woodside Avenue.
*Instructor in Piano, Theory and History of Music,
and Musical Appreciation.*

A. B., University of Michigan, 1913; Graduate Student,
University of Michigan, 1913-14; Graduate in Organ, Uni-
versity School of Music, Ann Arbor, Michigan, 1911; Grad-
uate in Piano, University School of Music, Michigan, 1914;
Graduate of the Institute of Musical Art, New York City,
1916. Ripon School of Music, 1917.

ELIZABETH GERTRUDE MACKINLEY, 223 Seward Street.
Instructor in Public School Drawing.

Student, Oshkosh Normal School. Graduate, Thomas Nor-
mal Training School, Detroit, Michigan, 1910. Head of Art
Department, Oswego College, Kansas, 1910-11. Private
Studios, 1912-18. Ripon School of Music, 1918.

RALPH ROWLAND, Hotel Le Roy.
Instructor in Violin.

Student of Carl G. Muskat, formerly of Leipsig Conserva-
tory, 1885-1903. Student of Gustave Bach, 1888-1890.
Theory, Counterpoint and Composition with Carl Muskat,
1888-1892. Violin with S. E. Jacobson, Chicago, 1888.
Violin with H. A. Zeitz, 1891-1893. Musical History and
Orchestration, Julius Klauser Music Institute, 1893-1895.
Violin and Piano student with Carl Halir (Concert Master
Royal Opera, Berlin, Germany) 1895-96. Teacher of Violin,
Milwaukee Downer College, 1902-10. Teacher and Director
of Violin Department, Marquette University Conservatory
of Music, 1911-14. Chairman of Board of Examiners in
Violin, State Music Teachers' Association, 1919-20. Wis-
consin College of Music, 1920. Ripon College, 1920.

VIOLA HILDENA SHAVE, B. Mus., 502 Liberty Street.
Instructor in Piano, Children's Department.

B. Mus., Ripon College School of Music, 1920. Ripon School
of Music, 1920.

Retired on the Carnegie Foundation

WILLIAM EVERETT JILLSON, A. M.
*Librarian and Associate Professor of German.
Ripon College, 1912-13.*

Student Assistants

ROBERT LANE,
Biology.

RAYMOND KRUEGER, PHILIP FEHLANDT, and CARL
ELMER,
Chemistry.

MILDRED KEELER, MARION JONES, ELEANOR GRIFFITHS,
and MARGARET WEBSTER,
Library.

ANNE GRIFFITHS,
Mathematics.

RAYMOND SAWYER,
Physics.

CLARENCE RINEHARD,
Political Science and History.

MARION SCANLON,
Physical Director of Women.

LORENZ F. LUECK,
Director of the College Band.

NINA E. BRADLEY,
Education.

CORNELIA PETERSON,
Latin.

ADMINISTRATIVE OFFICERS, 1920-21

*HENRY COE CULBERTSON, D. D., LL. D., Litt. D.,
President.

WILLIAM HARLEY BARBER, A. M.,
Dean and Acting President.

GERTRUDE SOUTHWICK KINGSLAND, A. M.,
Dean of the Women.

ELIZABETH BATTLE BINTLIFF, A. M.,
Director of the School of Music.

WILSON ROBB WOODMANSEE, A. M.,
Registrar.

CLIFFORD HOMER MOORE, A. M.,
Recording Secretary.

JOSEPHINE RUTH HARGRAVE, A. B., S. B.,
Librarian.

CHARLES EMERY HATHAWAY, Lieutenant Colonel of
Cavalry, U. S. A.,
*In Command of the Reserve Officers' Training
Corps.*

MARY A. MACHIN GARDNER, A. M.,
Matron of Bartlett Hall.

E. ELIZABETH COLGROVE, A. B.,
Matron of Parkhurst Hall.

MRS. E. L. PARMENTER,
Matron of Harwood Hall.

EDNA VAN HARLINGEN, A. M.,
Matron of Lyle Hall.

GEORGE R. BEACH,
Business Manager.

JOHN D. WRIGHT,
Treasurer.

ADDIE W. HORNER,
Cashier.

FLOSSIE KINDER,
Stenographer.

HERMON GATZKE,
Superintendent of Grounds and Buildings.

MRS. ELVIRA CRAYS,
Manager of the College Commons.

*Resigned January 1, 1921.

COMMITTEES OF THE FACULTY

Discipline: For the Women, DEAN KINGSLAND, PROFESSOR GOODRICH, and PROFESSOR HARGRAVE; for the Men, PROFESSORS GRAHAM, WOODMANSEE, and MOORE.

Social: DEAN KINGSLAND, MRS. READE, ASSOCIATE PROFESSOR COLGROVE, PROFESSOR J. F. TAINTOR, and PROFESSOR GRAHAM.

Registration, Schedule and Records: PROFESSOR WOODMANSEE, PROFESSOR KRAUSE, MR. HAYDEN, PROFESSOR BINTLIFF, and PROFESSOR VAN HARLINGEN.

Attendance: PROFESSORS GROVES, FEHLANDT, M. TAINTOR, HARGRAVE, and ASSOCIATE PROFESSOR GARDINER.

Educational Policy, Courses, and Catalogue: PROFESSORS BOODY, WOODMANSEE, M. TAINTOR, and BINTLIFF.

Religious Life and Organizations: PROFESSORS MUTCH, BOODY, J. F. TAINTOR, GRAHAM, KINGSLAND, and GOODRICH.

Calendar: PROFESSORS MOORE and KINGSLAND.

Library: PROFESSORS FEHLANDT, MUTCH, and HARGRAVE.

Appointments: PROFESSOR MUTCH.

Alumni Relations: PROFESSORS J. F. TAINTOR, M. TAINTOR, GOODRICH, and HARGRAVE.

Dormitory Advisers: Smith Hall, PROFESSOR MOORE; West Hall, PROFESSOR WOODMANSEE; Duffie Hall, PROFESSOR BOODY; Woodside Hall, PROFESSOR GROVES; Sanford Hall, PROFESSOR GRAHAM; Merriman Hall, PROFESSOR TAINTOR.

Joint Committees of the Faculty, Trustees and Students

Athletics: For the Faculty, DEAN BARBER and MR. OLSEN, director of athletics; for the trustees, MR. WRIGHT; for the students: the athletic manager and the captain of each team in its season.

Forensics: For the faculty: PROFESSORS BOODY and GRAHAM; for the trustees: MR. PEDRICK; for the students, BRUNO JACOB.

Publications: For the faculty: PROFESSORS BOODY and HARGRAVE; for the trustees: MR. WRIGHT; for the students: CLARENCE RINEHARD and LUCILE JOHANN.

DEGREES CONFERRED, JUNE, 1920

Bachelor of Arts

Lucile S. Anderson.....	Green Lake
Laura I. Backey.....	Sturgeon Bay
Helen Marie Balzer.....	Sheboygan
Augustine Canac	France
George Herbert Conant	Ripon
Leo Conney	Ripon
Charles A. Doman.....	Oshkosh
Helen B. Fehlandt.....	Ripon
Margaret Lydia Gibbs.....	Shawano
Margaret S. Griffiths.....	Ripon
La Verna Isabel Krause.....	Ripon
Cornelia B. Lamb.....	Warrens
Archibald H. Luedke.....	Plymouth
Percy Lunde	Racine
Cora Esther Lyon	Brandon
Margaret Maxwell	Ripon
Neil Bristol Morgan.....	Oakfield
Olivia Anne Morse.....	Ripon
Edward W. B. Morse.....	Ripon
Mildred Morse McConnell.....	Ripon
Maude Marie McDonald.....	Bloomer
Frances Marie Oeder.....	Milwaukee
Ann Plummer	Baraboo
Carl H. Heichmuth.....	Ripon
Moses Thomas Roberts.....	Wild Rose
Benjamin A. Rossin.....	Ripon
Meta Emma Schmudlach.....	Hancock
Wilbur John Shortt	Oakfield
Joseph C. Stadler	Chicago, Ill.
Clayton H. Tinkham.....	Fairwater
Leonard August Waehler.....	Milwaukee
Katherine Whitfield.....	Detroit, Mich.
Robert E. Williams.....	Oshkosh
Chas. DeGreef.....	South Dakota

Bachelor of Philosophy

Clarence Abendroth	Cambria
Henry Backhaus	Manitowoc
Florian J. Bannach	Stevens Point
Griffith Ervin Edwards.....	Cambria
Harold Boynton Haun.....	Madison
Kenneth Hough	Winnebago
Alfred John Kornder.....	Cedarburg

Certificate for Public School Music

Hildred Laurette Nienstedt.....	Ripon
Bernice Elizabeth Scobie.....	Ripon

Diploma, Piano and Theory

Mary Juanita Davies.....	Wild Rose
--------------------------	-----------

Bachelor of Music

Viola Hildena Shave.....	Ripon
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LIST OF STUDENTS

Graduates

Lucile Anderson	Bartlett Hall	Green Lake
Evamay Fatcher	632 Ransom St.	Chicago
Joseph Stadler	Duffie	Chicago

Special

Agnes Page	Howard St.	Ripon
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SENIORS—Class of 1921

Herbert Bagemihl	Merriman	Wauwatosa
Lorene Bogie	Bartlett	Fond du Lac
Charles E. Butler	209 State St.	Jacksonport
Francis Christison		Ripon
Bessie Farnsworth		Ripon
Arthur Filbey	Merriman	Fond du Lac
Guy Folsom	Woodside	Markesan
Dorothy Fortnum	620 Metomen St.	Berlin
Manilla Graham		Ripon
Anne Griffiths	Harwood	Columbus
Melvin Hagen	Merriman	Chaseburg
Marie Hecker	Lyle	Ft. Wayne, Ind.
George Herbst	Sanford	Sparta
James A. Jones	121 Blossom St.	Rosendale
Mildred Keeler		Ripon
Ray Krueger	Smith	Menomonee
Robert Lane	308 W. Fond du Lac	Backus, Minn.
A. F. Larsen	131 E. Fond du Lac	Ripon
Elmer H. Lubbers	Merriman	Cedar Grove
Lorenz Lueck	Woodside	Tomah
Gladys Melvin	Bartlett	Glenbeulah
Hazel Mix	Bartlett	Berlin
Clarence E. Rinehard	Merriman	Shawano
Ellis Roberts	Merriman	Wild Rose
Paul Rodewald	Merriman	Sheboygan
Raymond Sawyer	Merriman	Mukwonago
Prudence Schaefer		Ripon
Gregor Schoofs	West	Malone
Margery Tibbals	Bartlett	St. Louis, Mo.
Fred Toll		Ripon
Margaret Upham	Bartlett	West Salem
Margaret Webster	Woodside Ave.	Huron Mt., Mich.
Grace Wilkes	Parkhurst	Cambria
Ethyl Williams	Harwood	Green Bay
Arthur Worthing	311 Woodside Ave.	Oakfield
E. Scott Youmans	Merriman	Fond du Lac

JUNIORS—Class of 1922

Max Alling	Duffie	Green Lake
Elda Anderson	Parkhurst	Green Lake
Mary Ascott	Parkhurst	Sparta
Earl Billig	Smith	Mazomanie
Gertrude Bluemke	Harwood	Rosendale
Harold Boese		Ripon
Nina Bradley		Ripon
Vinson Bronson	Smith	Mankato, Minn.
Katherine Brooks	Harwood	Chicago

John Budzinski	432 Woodside Ave.	Thorpe
Nordica Busian	Bartlett	Dover, Minn.
Myrtle Callahan		Ripon
Earl Clement	Woodside	Holbrook, Mass.
Ralph Conney		Ripon
Roy S. Danks	Dawes	Fond du Lac
Byron Derrwaldt	West	Plymouth
Henry Eaton	Duffie	Green Lake
Gladys Egdahl	Parkhurst	Schofield
Evelyn Engelbracht	Harwood	Berlin
Helen Eversz		Ripon
Philip Fehlandt	Merriman	Ripon
Ethel Gay	Bartlett	Picketts
Donald L. Goodrich	West	Durand
Merritt Gustin	Woodside	Wautoma
Elizabeth Hall		Ripon
Agnes Hansen	Bartlett	Merrill
Lester Harvey	Smith	Ripon
Otto Heider	Sanford	Sheboygan
Elizabethe Herbst	Harwood	Sparta
Robert Icks	Sanford	Green Bay
Bruno Jacob	Merriman	Manitowoc
Lucile Johann	Lyle	Sheboygan
N. Harold Johnson	Merriman	Caledonia
Mary Kingsland	121 Thorn St.	Minneapolis
Gertude Knocke	Parkhurst	Fond du Lac
Benjamin Knutson	Merriman	Cumberland
Mildred Kopp	Lyle	Eau Claire
Esther Kronberg	Bartlett	Thorpe
Rachel Kuehn	Parkhurst	Fairwater
Clarice Kussman	Parkhurst	Fairwater
W. A. Long		Ripon
Anna Lowe	Lyle	Phillips
Violet Marshall	Lyle	West Salem
Eva Mathison	Bartlett	Greenwood
Inez Mielke		Ripon
Joseph Mishlove		Ripon
Catherine Morton	Harwood	Milwaukee
Mary Mutch	Bartlett	Hillsboro
Cornelia Peterson	Bartlett	Eau Claire
Robert Fynch		Ripon
Hugh Roberts	Lincoln St.	Milwaukee
Elmer A. Roeske		Ripon
Marion Scanlon	Bartlett	Lanesboro, Minn.
Irene Scobie		Ripon
Viola Shave		Ripon
Elyzabethe Shaw	Bartlett	Kingston
Margaret Thines	Bartlett	Durand
Erza Vornholt	Duffie	Plymouth
Walter Vornholt	Duffie	Plymouth
Elmer Wagner	Merriman	Fond du Lac
Frona Walters	Parkhurst	Mauston
Gladys Wegel	Parkhurst	Fond du Lac
William Whitmore	Woodside	Tucson, Ariz.
Byron Williams	Duffie	Oshkosh
Allen Wilson		Ripon
Gertrude Wilson	Bartlett	New London
Dorothy Zufelt	Lyle	Sheboygan

SOPHOMORES—Class of 1923

Percy Aaberg	Woodside	Stoughton
Arthur Ahearn	Smith	New London
Beatrice Alexander	Bartlett	Baraboo
John Allen	Duffie	Fond du Lac
Margaret Amend		Ripon
Harold Banville		Ripon
Frank M. Baxendall	Smith	Fall River
Ben Berg	Smith	Menominee
Meta Bohlman	Parkhurst	Fond du Lac
Ned Boorman	Lincoln St.	Tomahawk
Carman Brown	Duffie	Oshkosh
John Harold Bumby		Ripon
Albert Butenhoff	Woodside	Wausau
Earl W. Carter	321 Thorn St.	Ripon
Earl Caves	121 Blossom St.	Black River Falls
John Collins	Smith	Westfield
John Davies	West	Wild Rose
Ganpat B. Desai	Smith	Raibag, India
Nelson Duncan	Woodside Ave.	Stoughton
Stanley Egdahl	Duffie	Schofield
Carl Elmer	Merriman	Plymouth
Clarence Emigh	Woodside	Wautoma
Harold Engelking	State St.	Sheboygan
Edwin Evenson	Duffie	Wausau
Philip Falkenborg		Barron
Catherine Farrell	Ransom St.	Rush Lake
Avis Fisher	Bartlett	Wauwatosa
Alexander Flugum	Sanford	Stoughton
William Gallagher	Smith	Reedsburg
Ervin Gossink	Merriman	Randolph
Louis Green	Woodside	Rice Lake
Roy Gregory		Ripon
Eleanor Griffiths	Harwood	Columbus
Coleman Gunderson	West	Wautoma
Reed Hankwitz	Sanford	Merrill
Fulton Harrison	Smith	Westimber, Ore.
Florence L. Haase	Bartlett	Rochester, Minn.
George Haun	Smith	Ripon
Wilford Havey	Duffie	Stoughton
Elsie Heipp	411 State St.	Milwaukee
Oscar Herbst	Woodside	Schlesingerville
Elnora Hill		Ripon
Vera Hoffman		Ripon
Anne Horner		Ripon
Toshi Hosoya	Smith	Tokyo, Japan
Thomas Humble	West	Antigo
George Hunter		Ripon
Bartlett S. Jackson	Woodside	Phillips
Theodore Jerdee	Woodside	Stoughton
Harry Johnson	Lincoln St.	Stetsonville
Reuben Johnson	Woodside	Stoughton
Helen Jones	Bartlett	Elroy
Newton Jones	West	Antigo
Henry D. Jones	West	Chicago, Ill.
Marian Jones	Bartlett	Antigo
Walter Karst	Smith	Sheboygan
Roland Kassebaum	Dawes	Plymouth

Roy Kileen	Sanford	Wautoma
Flossie Kinder	Parkhurst	Boscobel
Alfred Klotzbuecher	843 Metomen St.	Manawa
Doris Knapp		Ripon
John Kralovec	Duffie	Menomonie, Mich.
John Kroyer		Oshkosh
Bernard Laabs	Sanford	Wausau
Mable Lawrence		Ripon
William Lubenow	Merriman	Sheboygan
Clemens Lueck	Woodside	Tomah
Arno Luth	West	Plymouth
Arnold Mattson	513 Woodside Ave.	Stoughton
Perry McCumber	Duffie	Rosendale
Florence Marsh	Parkhurst	Waupun
Carl Meissner	Sanford	Sheboygan
Gehard Molstad	Smith	Stoughton
Fay Morgan	Merriman	Oakfield
Lee O'Leary	Duffie	Odanah
Harold L. Olson	Woodside	Phillips
Freeman Otto		Ripon
Silas Owen	Dawes	Randolph
Jennings Page	Smith	Spooner
Alice Parmenter	Harwood	Ripon
Marcella Pedrick		Ripon
Raymond Petrie	Smith	Clintonville
Martha Pilger		Ripon
Cecil Poppy	Smith	New London
Colby Porter	W. Fond du Lac St.	Fox Lake
Harry Ringdahl	Duffie	Stoughton
Edith Rogers	Bartlett	Lake Geneva
Alfred Rohloff	West	Shawano
Myrwin Rowlands	Woodside	Cambria
Orval Ruehlman	Smith	Wausau
Ernest Schneider	Duffie	Schofield
Cedric Seaman	Woodside	Markesan
Joseph Shafer	Woodside	Merrill
Dorothy Gladys Silver	649 S. Grove St.	Indianapolis, Ind.
Lawrence Skilbred	West	Fond du Lac
John Slivinski	Sanford	Oconomowoc
Iver Skaar	Smith	Stoughton
Jennie Smith	Bartlett	Oshkosh
Floyd Soule		Ripon
Reuben Spoentgen	Sanford	Manitowoc
Edward Steinbring		Ripon
Esther Stellmacher		Ripon
Thelma Stocks		Ripon
Ray Stockton	Sanford	Stoughton
Martin Stout	Smith	Fall River
John Thompson	Sanford	Oshkosh
Sylvester Toussaint	Merriman	Wauwatosa
Edison Usher	Woodside	Stoughton
Ralph Vanderwall	Woodside	Phillips
Roland Verrette	Duffie	Odanah
Francis Vetter	Woodside	Fond du Lac
Hollis Wade	West	Greenbush
Fred Welte	West	Newport, Ky.
Francis Wilford	Smith	Plymouth
Bradford Williams	435 Watson St.	Detroit, Mich.

Morris Williams
Carl Wolff

Woodside
Duffie

Cambria
Wausau

FRESHMAN—Class of 1924

Bernice Albrecht	Bartlett	Merrill
Harold Austin	615 S. Grove St.	Lancaster
Elizabeth Bailey	Bartlett	Rockford, Ill.
Alexander Barr	Smith	West Allis
Raymond Baxandall	Smith	Fall River
Robert Boehm	221 Tygert St.	Neenah
Guthrie Boon	Smith	Downers Grove, Ill.
Franklin Brazelton	West	Plymouth
Alvin Bristol	Smith	Oakfield
Charlotte Brooks	Harwood	Chicago
Arthur Bruegger		Berlin
Emil Bruni	Smith	New Glarus
Fern Bump		Ripon
George Burgan	West	Hubbel, Mich.
Alfred Burkhardt	West	Plymouth
Bruce Bush	Smith	Downers Grove, Ill.
Rinaldo Caccia	435 Watson St.	Seattle, Wash.
Georgia Campbell	Bartlett	Marshfield
John Cavanaugh	Lincoln St.	Black Earth
Arthur Chambers	West	Monroe
Della Charon	Harwood	New London
Marian Cole		Ripon
Grace Eleanor Corliss	Bartlett	Onamia, Minn.
Charles E. Corwith	West	Wausau
Dale Christison		Ripon
Donald Christison		Ripon
Klara Dahlke	Bartlett	Wisconsin Rapids
Ellis Dana	114 W. Jackson St.	Charles City, Ia.
Malcolm Dana	114 W. Jackson St.	Charles City, Ia.
Sidnie Davies	119 Thorn St.	Wild Rose
Zilpha Davis	333 Blackburn St.	Wild Rose
Clifford Dilts	Sanford	Wautoma
James Harold Dixon	West	Antigo
Donald Eaton	Duffie	Green Lake
Kenneth Edgers	West	Seattle, Wash
Jeanette Fagan	Harwood	Racine
Carl Fehlandt		Ripon
Neil C. Ferris	Dawes	Norwich, N. Y.
Walter Fisher	Smith	Fond du Lac
William Fitzpatrick	Woodside	Fond du Lac
Hillyer Ford	Smith	Waupun
Frederick Foster	Hall St.	Ripon
Irmagard Foster		Ripon
Harold D. Foulkes	West	Plymouth
Helen C. Fuller		Ripon
Victor R. Georg	West	Fond du Lac
Catherine Gibbs	Parkhurst	Shawano
Allen T. Giebink	Smith	Waupun
Leone Gies	Parkhurst	Schofield
Harry Otto Goers	Sanford	Wausau
Philo W. Goodrich	West	Durand
Leo Gould	216 Elm St.	Coloma
Albert R. Graf	Woodside	Sparta

Harold Grasse		Ripon
Robert Gregory		Ripon
Mildred Griswold		Ripon
William B. Gruner	West	Shawano
Arnold Haberkorn		Ripon
Grace Hamilton	Harwood	Berlin
Lawrence Hamley		Ripon
Emmett Hampton	603 S. Grove St.	Richland Center
Samuel R. Hamilton	216 Elm St.	Westfield
Dorothea Hansen	Bartlett	Marshfield
Ardaline Hasse	645 S. Grove St.	Oshkosh
Marion N. Haswell	Lyle	Windsor
Sidonia Helms	Bartlett	Sheboygan
Harmon Hull	Smith	Waupun
Francis Horner		Ripon
Horace Hymer	615 S. Grove	Lancaster
Dorcas Irish	Bartlett	Oak Park, Ill.
Lester Jepson	Smith	Bear Creek
Mildred Johnson	Parkhurst	Almond
Sanford Jones	West	Mosinee
John E. Jones	Smith	Cambria
Marvin V. Jones	Bartlett	Wild Rose
Edmund Keeler		Ripon
Rosalind Kemmeter	Bartlett	Granton
Holland Kieswetter	Smith	Duluth, Minn.
Charles Kralovec	Duffie	Menomonie, Mich.
Fred Kundert	Smith	New Glarus
Emma Kussman	Parkhurst	Fairwater
Geraldine Landt	121 Blossom St.	Kilbourn
Lucile Laughlin	Lyle	Antigo
Eunice Lovejoy		Ripon
Isabel Luck		Ripon
Leslie Lunde	Duffie	Racine
Elizabeth Lyon	Bartlett	Plymouth
Helen McCauley		Ripon
Curtis McDougall	West	Fond du Lac
Jeanette Manville	Lyle	Sheboygan
Richard Marquardt	Smith	Manitowoc
Elwin Matteson	Duffie	Green Lake
Clement Meilicke	Thorn St.	Wisconsin Rapids
Burl Miller	Woodside Ave.	Reedsburg
Franklin Miller	Smith	Stoughton
George Millerd	West	New London
John Moffatt		Ripon
Arthur Mueller		Ripon
Alicia Mutch	Bartlett	Hillsboro
Warren Mutch		Ripon
Stanley Nelson	Smith	Marinette
Marian Ochsner	333 Blackburn St.	Chicago, Ill.
Harry Olsen	Smith	Marinette
LeRoy Olson	Woodside	Merrill
Lyle Parker	216 Elm St.	Rio
Alice Parrish	Harwood	Plymouth
Edgar Peters	West	Plymouth
Harvey Peterson	West	Milltown
Albert Leon Pfund	Smith	Monroe
Flora Piekarski	Bartlett	Berlin
Mabel E. Podall		Ripon

J. E. Potts	West	Chicago, Ill.
George Poukey	West	Cumberland
Glen Price	Smith	Oakfield
Frederick Prosser	Duffie	Wauwatosa
Oyvind Rasmussen	Dawes	Stoughton
Mark Reardon	Woodside	Tomah
Samuel Redetzke	Sanford	Wausau
Blanche K. Redmond	630 Woodside Ave.	Red Granite
Dorothea Reed	Bartlett	Omro
Elmer Reinke	Smith	Bear Creek
Sylvia Rhyner	Parkhurst	Schofield
Robert Riesz	143 Woodside Ave.	New York, N. Y.
Otto Risky	603 S. Grove St.	Richland Center
John Roberts	Smith	Wild Rose
Mary Roberts	Bartlett	Wild Rose
Carroll Robertson	216 Elm St.	Horicon
Theodore D. Robinson	West	Endeavor
Ewald W. Rohloff	West	Shawano
Roland Rusboldt	Smith	Manitowoc
Ralph Sargent		Ripon
Nellie Schmidt		Ripon
Ottomar Schmidt	423 Woodside Ave.	Clintonville
Charles Schneider	Dawes	Wausau
Arthur Schwebs	Woodside Ave.	Windsor
Helen Schwingle	Bartlett	Muscoda
Joseph Semb	Dawes	Holmen
George Silverwood	West	Green Bay
Alfred Simley		Black Earth
Ada Belle Smith	Harwood	Milwaukee
Alton Stallard	Duffie	Humbird
George Steckmesser	Smith	Manitowoc
Asher Stewart	Dawes	Norwich, N. Y.
Stanley Tate	West	Bear Creek
Verna Taylor	Bartlett	Oakfield
Hans Tendrup	West	Milltown
Graham Tewksbury	Ransom St.	Osceola
Ernest Thedinga	Sanford	Rome
Thomas Tibbett	Woodside Ave.	Chippewa Falls
Spencer Tracy	West	Milwaukee
Erwin Trantow	Woodside	Merrill
Cora Trautman	Bartlett	Sheboygan
Khacher Tutunjian	Smith	Beirut, Syria
Claire Van Antwerp	Sanford	Sparta
John Ver Meulen	Smith	Waupun
Everett Vinton	Smith	Fond du Lac
Kenneth Vinton	Smith	Fond du Lac
Florence Vinz		Ripon
Lester L. Wandrey	West	Cumberland
Lowell Watson	West	Almond
Ethel Wegel	Bartlett	Fond du Lac
Roland Wernecke	West	Timothy
Lawrence Westlake	Woodside	Dubuque, Ia.
Lawrence Wetherbee	West	Chicago, Ill.
Buryl Woodmansee	648 S. Grove St.	Converse, Ind.
Helen Wright	Lyle	Fond du Lac
Edna Zindars		Ripon
Henry C. Zuengler	Smith	Adell

School of Music

Ophelia Berwick	Princeton
Lucile Branchaud	Ripon
Vinson Bronson	Mankato, Minn.
Georgia Campbell	Marshfield
Alice Carter	Ripon
E. W. Carter	Ripon
Della Charon	New London
Earl Clement	Holbrook, Mass.
Harold Dixon	Antigo
Florence Durkee	Green Lake
Kenneth Edgers	Seattle, Wash.
Dorothy Eversz	Ripon
Jeanette Fagan	Racine
E. L. Filter	Ripon
Mrs. E. L. Filter	Ripon
William Fischer	Ripon
Fern Fortnum	Ripon
Ethel Gay	Picketts
Lorraine Hahn	Ripon
Grace Hamilton	Berlin
Dorothea Hansen	Marshfield
Kathryn Harris	Ripon
Edyth Hart	Sheboygan
Ardaline Hasse	Oshkosh
Florence Haase	Rochester, Minn.
Mabel Heller	Green Lake
Harriet Herman	Ripon
Elnora Hill	Ripon
Helen Heilsberg	Ripon
Dorothy Hoffmann	Ripon
Emily Horner	Ripon
Frances Horner	Ripon
Alma Houston	Ripon
Helen Howe	Ripon
Mildred Johnson	Almond
H. Sanford Jones	Mosinee
Mary Kingsland	Minneapolis, Minn.
Florence Kliveter	Ripon
Anna Klein	Ripon
Esther Kroll	Ripon
Robert Lewin	Berlin
Marion Loope	Ripon
Jessie Loper	Ripon
Alice Lueck	Ripon
Laura Ernestine Lueck	Ripon
Nelson Lueck	Ripon
Isabel Luck	Ripon
Kathryn Lyle	Ripon
Florence Marsh	Waupun
Flossie Mankowski	Ripon
Martha Mantly	Princeton
Regina McCauley	Oshkosh
Inez Mielke	Ripon
Pearl Mielke	Ripon
Viola Mielke	Ripon
Mrs. Lee Miller	Ripon

Lucile Mueller	Princeton
Alicia Frances Mutch	Hillsboro
Mary Mutch	Hillsboro
Carter Nason	Ripon
Robert Nason	Ripon
Charles Nitz	Berlin
Doris Nitz	Berlin
Mrs. Harold Olsen	Ripon
Alma Olstead	Ripon
Agnes Page	Ripon
Genevieve Parker	Green Bay
J. Edward Potts	Chicago, Ill.
Bessie Putnam	Ripon
Sylvia Radtke	Ripon
Blanche Kathrine Redmond	Red Granite
Kathrine Reed	Ripon
Edna Rieman	Ripon
Mrs. T. M. Risk	Wautoma
Alfred E. Rohloff	Shawano
Alfred Jack Sapiro	Berlin
Ruth Schneider	Ripon
Hortense Seaman	Markesan
Viola Hildena Shave	Ripon
Georgiene Shields	Ripon
Alfred Simley	Black Earth
Ada Belle Smith	Milwaukee
Arthur Suckow	Ripon
Lillian Suckow	Ripon
Dora Stolfuss	Ripon
Anyta Storck	Ripon
Linda Tabbert	Ripon
Mildred Thiel	Ripon
Margaret Webster	Herron Mountain, Mich.
Marjorie Westcott	Ripon
Grace Widlake	Green Lake
Franklin Welk	Ripon
Grace Wilkes	Cambria
Harold Williams	Ripon
Jeanette Williams	Ripon
Lucile Wirth	Fond du Lac
Edward Zellmer	Ripon
Edna Zindars	Ripon

SUMMARY OF INSTRUCTORS AND STUDENTS

Instructors

Academic Faculty	27
School of Music	7

Total	34
Names Counted Twice	2

Corrected Total 32

Students

Graduates	3
Special	1
Seniors	36
Juniors	67
Sophomores	117
Freshmen	169

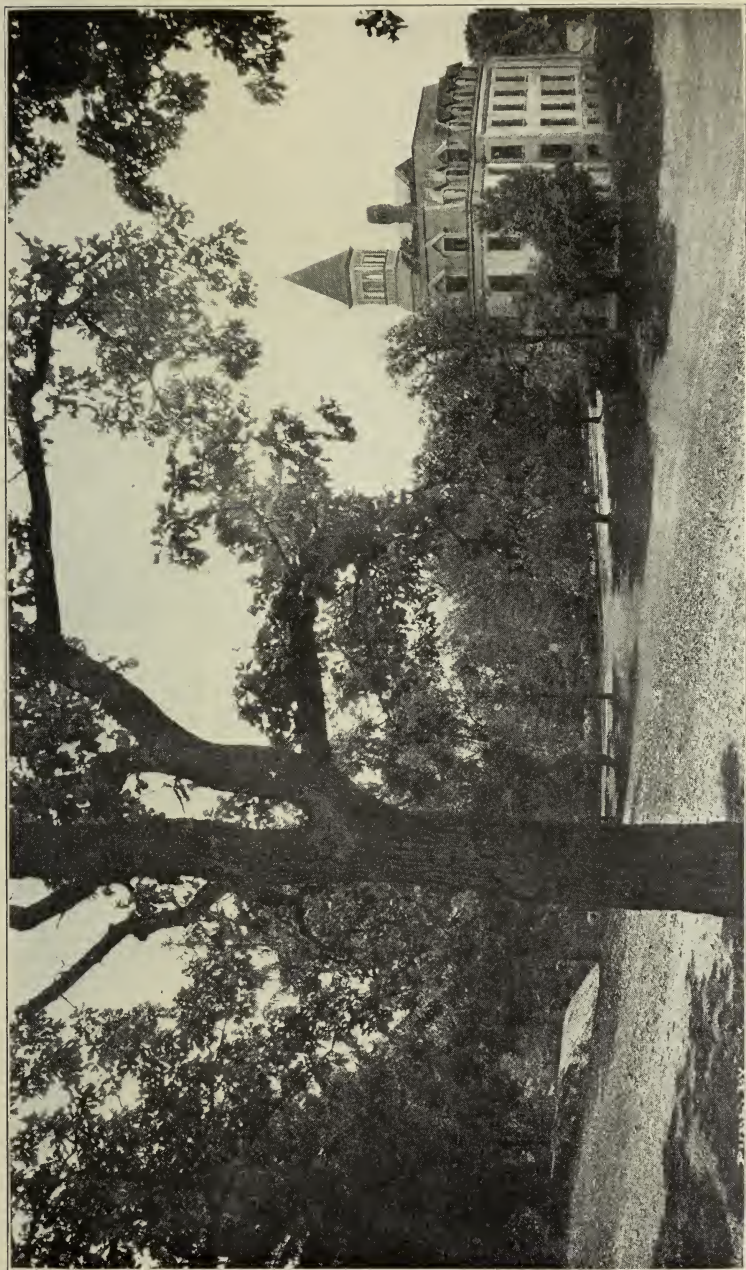
Total	393
School of Music	98
Names Counted Twice	30

68

Total in Institution 493

SUMMARY OF ATTENDANCE OF STUDENTS

	Men	Women	Total
Graduates	1	2	3
Special		1	1
Seniors	21	15	36
Juniors	31	36	67
Sophomores	92	25	117
Freshmen	113	56	169
<hr/>			
Total	258	135	393
Music	28	70	98
<hr/>			
	86	205	491
Names Counted Twice	7	23	30
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Corrected Total	279	182	461



A VIEW OF THE LOWER CAMPUS, SHOWING BARTLETT HALL

Degrees Conferred by the Authority of the Board of Trustees of Ripon College

The Alumni are requested to send corrections to the College Office, Ripon, Wis.

* Deceased. Date of decease, when known, follows the name.

† Last known address.

†† No reliable information.

By vote of the Trustees of the College in June 1920, the degree of Bachelor of Arts was conferred upon those who completed the special course given in the years between 1885 and 1894.

Honorary Degrees

The Degree of Doctor of Divinity.

Daniel Merriman, Worcester. Mass., 1881.
 George H. Ide, Milwaukee, Wis., 1882.
 Henry A. Stimson, Worcester. Mass., 1885.
 George W. Andrews, Talladega, Ala., 1886.
 Burdett Hart, New Haven, Conn., 1887.
 J. Edwards, Lansford, Penn., 1889.
 Brainerd Kellogg, Middlebury. Vt., 1890.
 Moritz Ernest Eversz '71, Chicago, Ill., 1892.
 George R. Merrill, Minneapolis, Minn., 1893.
 William Sylvester Holt '70, Portland, Ore., 1895.
 Joseph Roberts, New York, N. Y., 1895.
 David Davies, Oshkosh, Wis., 1896.
 John L. Atkinson, Kobe, Japan, 1896.
 Samuel T. Kidder, Fond du Lac, Wis., 1897.
 John Roberts, Cherra, Assam., 1897.
 Robert T. Roberts, Racine, Wis., 1899.
 Frank N. White '78, Burlington, Iowa, 1898.
 W. O. Carrier, Wausau, Wis., 1898.
 A. M. Hyde, Toledo, Ohio, 1900.
 Frank Knight Sanders '82, New Haven, Conn., 1900.
 Stephen B. L. Penrose, Walla Walla, Wash., 1902.
 Henry Thomas Sell, Chicago, Ill., 1902.
 Thomas Johns, Llanelly, Wales.
 Herbert G. Pillsbury, Ripon, Wis., 1909.
 John C. Johns, Chicago, Ill., 1911.
 Arthur Eastman Leonard '91, Eau Claire, Wis., 1913.
 William Barrett Millard '91, Chicago, Ill., 1913.
 John Johns, Randolph, Wis., 1913.
 Lewis H. Keller, Fond du Lac, Wis., 1915.
 Frederick Locratius Selden '94, Chicago, Ill., 1915.
 John W. Wilson, Ripon, Wis., 1919.
 Theodore Rush Faville, Oshkosh, Wis., 1919.
 Joseph Daniel Brownell, Ashland, Wis., 1919.
 William E. Evans, Mankato, Minn., 1919.
 Conrad Vandervelde '04, Emporia, Kansas, 1919.

The Degree of Doctor of Laws.

Ezra Brainerd, Middlebury, Vt., 1888.
Walter Eugene Howard, Middlebury, Vt., 1894.
James Armstrong Blanchard '71, New York, N. Y., 1902.
Kossuth Kent Kennan '75, Milwaukee, Wis., 1911.
Herbert Pierrepont Houghton, Waukesha, Wis., 1919.

The Degree of Master of Arts.

Mrs. Clarissa Tucker Tracy, Ripon, Wis., 1895.
Mrs. Ada Clark Merrell '77, Ripon, Wis., 1902.
Judge J. O. Pierce, Minneapolis, Minn., 1905.
Mary C. Collins, Keokuk, Iowa, 1910.
Willis P. Elwood '88, India, 1914.

Degrees in Course

The Degree of Master of Arts.

Note: Until 1898 this degree was regularly given to those alumni of the college, who applied for it, after completing three years of work in a Professional School. Since 1898, the degree has been given only for work done with the College.

Luthera H. Adams '67, Omro, 1870.
William Sylvester Holt '70, 1873.
Isabella Cragin '69, 1874.
Rosa E. Olds '70 (Mrs. Wm. Bristoll), 1874.
John T. Evans '71, 1874.
Joseph G. Davies '71, 1875.
George C. Duffie '68, Ripon, 1875.
Moritz Ernest Eversz '71, 1876.
Henry B. Miter '73, Ripon, 1876.
J. H. Tracy '68, Escanaba, Mich., 1877.
Edward Evans '74, Wales, 1877.
Marietta Hunter '73 (Mrs. Abbott), 1878.
Benjamin F. Thomas '74, 1878.
Charles H. Yeomans '71, Wheaton, Ill., 1879.
John G. Ingalls '76, Menomonie, Wis., 1880.
John W. Savage '76, 1880.
Ida E. Elwell '73, West Salem, Wis. (Mrs. Tilson), 1880.
Wells W. Cook '79, Washington, D. C., 1883.
George M. Steele, M. D. '69, Oshkosh, 1885.
Ezra P. Chittenden '74, Sioux City, Iowa, 1886.
Emma Osborn Cleaver '83, Japan, 1886.
Caroline M. Daniels '82, Independence, Iowa, 1887.
David Davies '77, 1887.
Frank K. Sanders '82, New Haven, 1888.
Lucius D. Hopkins '82, 1889.
Thomas Richard Jones '82, 1890.
Robert McEwen Phelps '80, Rochester, 1892.
Willard Addison Hodge '79, 1893.
Eleanore Sophronia Everhard '90, 1893.
Robert Thomas Roberts '79, Racine, 1894.
Arthur Eastman Leonard '86, 1895.
William Barrett Millard '86, 1895.
Samuel Marcellus Pedrick '86, 1895.
Lovila Margaret Mosher '81, Waupun, 1896.
John Oscar August Ostrom '92, 1897.

Horace Orlando Bethel '93, 1897.
 Benjamin Harrison Brown '94, 1897.
 Elwyn Francis Chandler '94, 1897.
 Paul Jennings Thompson '98, 1901.
 Jessie Ellen Spooner '96, 1901.
 Hon. A. O. Thompson '70, Oshkosh, 1903.
 Hon. Charles Merils Pond '73, Minneapolis, 1903.
 W. B. Judd '91, Chicago, Ill., 1903.
 Laura A. Meier '03, Emporia, Kansas, 1904.
 Albert G. Meier '03, Minneapolis, Minn., 1904.
 W. D. Williams '00, 1904.
 Luther L. Wright '77, Flint, Mich., 1905.
 Albert Henry Griffiths '98, Fisk, Wis., 1906.
 Grace G. Goodrich '06, Ripon, Wis., 1907.
 Earl Leslie King '08, Ripon, Wis., 1909.
 Leonard G. Schneller '08, Wausau, Wisconsin, 1910.
 Jennie Hall '01, Ripon, Wis., 1910.
 John Nicholas Lowe '10, Waukesha, Wis., 1912.
 Harry M. Comins, Ripon, Wis., 1914.
 William Everett Jillson, Ripon, Wis., 1914.
 William G. Bate '10, Mankato, Minn., 1915.
 Blanch Mignon Gibson '09, Clintonville, Wis., 1916.
 Mary Buckley Taintor '11, Ripon, Wis., 1916.
 Bird Hitchcock Fraser '08, Yankton, S. D., 1917.

The Degrees of Bachelor of Arts and of Science

Class of 1867.

- Luthera Harriet Adams, B. A.; M. A., 1870; Teacher in Ripon College, 1867-1876; Omro, Wisconsin.
 *Harriet Hemans Brown, Sept. 7, 1893.
 *Susan Ann Wright Salisbury, B. S.; Oct. 18, 1871.
 *Mary Frances Spencer, B. S.; Mrs. C. C. Thayer; Sept. 9, 1904.

Class of 1868.

- *Albert Jerome Chittenden, B. A.; B. D., 1875; Feb. 4, 1901.
 Emily Smith Cook, B. A.; Teacher, 1868; Employee for many years in Indian Bureau, Washington, D. C.; European Travel; 1328, 12th St., Washington, D. C.
 George Carleton Duffie, B. A.; M. A., 1875; Teacher in Ripon College, 1868-70 and 1874-86; Business; Pasadena, California, 550 California St.
 *Lyman Beecher Everdell, B. A.; Sept. 11, 1904.
 *Myron Winslow Pinkerton, B. A.; B. D., 1871; Nov. 10, 1880.
 *James Horace Tracy, B. A.; M. D., 1870; M. A., 1878; Dec. 6, 1891.

Class of 1869.

- *Caroline Dency Chittenden, B. A.; Mrs. Joseph M. Turner.
 Isabella Sophronia Cragin, B. S.; M. A., 1874; Author; Literary Work; 112 Union Ave., Farmingham, Mass.
 George Monroe Steele, B. S.; M. A., 1885; (M. D., 1871); College of Physicians and Surgeons, New York City, 1869-71; Physician and Surgeon, Specialty: Roentgenotherapy.

Class of 1870.

- Daniel De Loss Bathrick, B. S.; Official C. & N. W. R'y, 1870-1901; Real Estate; 515 Chamber of Commerce Building, Portland, Ore.
- Josiah Blackman Blakely, B. A.; B. D., 1873; Oberlin and Chicago Theological Seminaries; Missionary at Foochow and Shauwnu, China, 1874-80; 517 Oak St., Neenah, Wis.
- *Eunice Elizabeth Durand, B. S.; Mrs. E. C. Lyman; 1915.
- William Sylvester Holt, B. A.; M. A., 1873; D. D., 1895; LL. D.; Chicago Theological Seminary, Auburn Theological Seminary; Missionary in China, 1873-85; Associate Secretary Board of Ministerial Relief of the Presbyterian Church; Associate Secretary The New Era movement; 423-9 Witherspoon Building, Philadelphia, Pa.
- *Ella Emogene Mapes, B. S. (Mrs. R. W. Arnold).
- *Rosa Emeline Olds, B. S.; M. A., 1874, Mrs. W. M. Bristoll.
- Annah Miriam Smith, B. S., Mrs. F. Finsterbach, Art Student, New York, N. Y.; Teacher, 1872-81, 1883-86; 2816 N. 3rd St., Minneapolis, Minn.
- *Albert Eugene Thompson, A. B.; Sept. 19, 1917.

Class of 1871.

- *James Armstrong Blanchard, B. A.; LL. B. 1873; LL. D. 1902.
- *James Harvey Bradish, B. A.; (LL. B. 1873); Aug. 1, 1897.
- *Joseph G. Davies, B. S.; M. A. 1875; April 26, 1920.
- *John Thomas Evans, B. A.; M. A., 1874; Sept. 12, 1892.
- Moritz Ernest Eversz, B. A.; M. A., 1876; D. D., 1892; B. D.; Minister, 1874-87; National Superintendent of German Congregational Churches; 841 Judson Ave., Evanston, Ill.
- Sarah Ellen Powers, B. A., Mrs. James H. Bradish; 1522 Ogden Ave., Superior, Wis.
- Albert Franklin Rust, B. A.; Engineer; 3706 Pennsylvania Ave. Kansas City, Mo.
- *Charles Howard Yeomans, B. S.; M. A.; June 19, 1919.

Class of 1872.

- ††John Wheelock Allen, B. A.; Engineer.
- ††James Monroe Brush, B. A.; Teacher, 1872-87.
- *Frank Isaiah Fisher, B. A.; June 27, 1887.
- *Sarah Ellen Scribner, B. S.; June 27, 1903.
- *Martha Albina Shepard, B. S.; Dec. 1907.
- *Margaret Blandenia Shoemaker, B. S.; Apr. 20, 1902.
- Harmon Monroe Wilcox, B. S.; Teacher, Law Student at Columbia College, 1873-74; at St. Louis, Mo., 1874-75, Lawyer 1875-1920; 5621 Vernon Ave., St. Louis, Mo.

Class of 1873.

- *Henry Seely Akin, B. A.; 1917.
- *Horatio Aldrich Brooks, B. S.; July 15, 1877.
- *Sarah Frances Combs, B. S.; May 8, 1899.
- Rowland Stevenson Cross, B. A.; Andover Theological Seminary, 1874-76; Minister; 626, 16 Ave., S. E., Minneapolis, Minn.
- Ida Elwell, B. S.; M. A., 1880; Mrs. E. S. Tilson, Teacher 1873 to 1881, Lecturer and Writer on Horticulture 1881-1900; West Salem, Wisconsin.

William Foulkes. B. A.; D. D., 1896; LL. D.; Lane Theological Seminary 1873-76, Minister; 3920 Hyde Park, Kansas City, Mo.

††Oscar Emery Hanson, B. S.; Teacher, 1873-76, Pharmacist 1886-1900.

Marietta Hunter, B. S.; M. A., 1878; Mrs. R. B. Abbott, Teacher 1873-81; Albert Lea, Minn.

*Hayette Almira Johnson, B. S.; July 12, 1892.

*Henry Beman Miter, B. A.; M. A.; April 3, 1897.

Charles Merrills Pond. B. S.; M. A.; Law Student in Columbia College, 1873-75, Lawyer 1875-1900; Judge District Court; 1730 Irving Ave., So., Minneapolis, Minn.

Fred William Rogers, B. S., Banker; 683 Summit Ave., Milwaukee, Wis.

Jesse Fox Taintor, B. A.; Andover Theological Seminary, 1875-78; Minister, Rochester, Minn., 1886-1903; Professor of English, Ripon College, 1905-1920; Ripon, Wisconsin.

Class of 1874.

*Emma Helen Blair, B. S.; M. A.

Isabella V. Campbell, B. S.; Mrs. J. B. Blakely, Missionary Foochow and Shauwu, China, 1874-1880; 517 Oak St., Neenah, Wis.

*Erza Porter Chittenden, B. A.; M. A.

††Edward Evans. B. A.; M. A., 1877, Union Theological Seminary, 1877, Bala College, North Wales, 1877, Teacher, Minister, 1878-1900.

*William Francis Hillman. B. A.; Sept. 22, 1899.

*Almira Isabella Hobart, B. S.

*Benjamin Franklin Thomas, B. S.; M. A., Ph. D.

Class of 1875.

Carroll Atwood. B. S., LL. B., University of Wisconsin, 1878; Lawyer 1878-1917; State Assessor of Incomes; 141 W. Gilman St., Madison, Wisconsin.

Rosina Emma Batson, B. A.; Mrs. W. I. Price, Teacher 1875-78, Missionary 1878-1898; Burmah, India.

John Williams Hargrave. B. A.; Oberlin Theological Seminary 1875-78, Minister. RFD No. 1, St. Petersburg, Fla.

Mary Emily Harris, B. S.; Teacher 1875-1898; 116 Union St., Northfield, Minn.

Silas Henry Hillman, B. S.; Teacher 1875-1876; Orchardist; Lyle, Washington.

Kossuth Kent Kennan, B. A.; LL. D.; Lawyer; 309 Cambridge Ave., Milwaukee, Wisconsin.

*Mary Ann McAssey, B. A.; Mrs. Pearse Pinch.

Albert Julian Miller, B. A.; Teacher 1876-77, Abstractor; Logan, Iowa.

*John William Pinch, B. A.

Pearse Pinch. B. A., Oberlin Theological Seminary 1875-76, Andover Theological Seminary 1876-78; Minister; Glendale, Md.

Adelaide Amanda Sargent. B. S.; Mrs. James L. Gibbs, Teacher 1876-83; Mayfield, Mich.

Jean Caroline Sherwood. B. S.; Mrs. A. W. Rankin; A. M. U. of M.; Graduate Work four years, U. of M.; Teacher 1875-1882; Author of Text-Books on English; Travel; 916 Fifth St. S. E., Minneapolis, Minn.

Lyman Herschell Warner, B. A.; Theological Student, 1875-76, Teacher; Lawyer; Editor; Lewellen, Nebraska.

Class of 1876.

*John Gallivan Ingalls. B. S.; M. A.

*John Wait Savage, B. S.

Louis Kossuth Strong. B. S.; Teacher 1876-81, Real Estate;
419 W. 17th St., Santa Ana, Calif.

Class of 1877.

Joseph Henry Bottum, B. S.; Teacher 1877-79; Judge of Circuit
Court; State Senator; Faulkton, S. D.

Ada Clark, B. A.; M. A., 1902; Mrs. E. H. Merrell; Teacher
1887-80; Author: Life of Mrs. C. T. Tracy; 302 Elm St.,
Ripon, Wis.

*David Davies, B. A.; M. A.; Aug. 19, 1902.

David Edward Evans, B. A.; Lane Theological Seminary, 1879-
82, Teacher 1877-79, Minister, Missionary; Poplar, Mon-
tana.

Charles Wesley Headley, B. A.; Yale Divinity School 1878-80,
Teacher 1877-78, 1886-89; Business; Winnebago, Minn.

Susan Alice Jeffris, B. S.; Art Student 1881-83, Teacher 1877-
78, 1885-1900; 68 S. Jackson St., Janesville, Wis.

†William Martin Lewis, B. S., Union Theological Seminary
1878-81, Minister, 1883-84; 1626 Third Ave., S., Minneap-
olis, Minn.

Perry Niskern, B. A., Columbia College, 1878-79; Janesville,
Wis., 1879-80, Lawyer; Berlin, Wis.

†Alonzo Russell Northrup, B. A., Teacher 1877-1882, Lawyer;
Escanaba, Mich.

Luther Lampheare Wright, B. A., M. A. University of Mich-
igan, State Superintendent of Public Instruction; Super-
intendent Michigan School for the Deaf, Flint, Mich.

Class of 1878.

*Irenaeus J. Atwood, B. A.; B. D.; M. D.

Frederick Ames Dawes, B. A.; Law Student; Business; 545
Highland Ave., Newark, N. J.

*Sara Jane Sherman, B. S.; Mrs. Charles W. Headley.

*Ella Mary Slater, B. S.

*Abbie Augusta Strong, B. A.; Aug. 29, 1887.

Frank Newhall White, B. A.; D. D., 1898; Andover Theolog-
ical Seminary 1878-81. Minister; Missionary; Western
Secretary American Missionary Association; 5336 Dor-
chester Ave., Chicago, Ill.

Emma Maria Williams, B. A.; Mrs. John T. Sheehan, Teacher
1878-1882; 132 Olmstead St., Waupun, Wis.

Class of 1879.

Thomas Armstrong, B. S.; Lawyer; 805 N. 3rd Ave., Phoenix,
Arizona.

*Wells Woodbridge Cook, B. S.; M. A.

Mary Eva Hodge, B. S., Mrs. William LeRoy, Teacher 1880-
1895; Hartland, Wisconsin.

*Willard Addison Hodge, B. A.; M. A.

Orville Watson Mosher, B. A.; Teacher 1879-83; Manufacturer;
State Assembly 1899, State Senate 1901-3; New Rich-
mond, Wis.

Robert Thomas Roberts, B. S.; M. A., 1894; D. D., 1899; Lane
Theological Seminary, 1879-82; Minister; P. O. Box 363,
Rome, New York.

Class of 1880.

- *George Washington Hatch, B. A.
Robert McEwen Phelps, B. S.; M. A., 1892; M. D., 1885;
Rush Medical College 1883-85; Physician; State Superin-
tendent Hospital for the Insane; St. Peter, Minn.
Edward Jerome Roberts, B. A.; Engineer and Contractor;
1923 1st Ave., Spokane, Wash.
*Harriet Jessup Rogers, B. A.

Class of 1881.

- *Evelina Ackerman, B. S.; Mrs. Thomas Armstrong.
Lovila Margaret Mosher, B. S.; M. A., 1896; Teacher 1881-
1900; Travel; Librarian; River Falls, Wis.
Hiram Hopkins Shaw, B. A.; Business; 2251 Ash St., Denver,
Colo.
*Albert Jay Whiting, B. S.

Class of 1882.

- Constance Alice Adams, B. A.; Mrs. Wm. F. Meyer, Teacher
1882-84; 334 E. Ocean Ave., Long Beach, Calif.
*Louie Pomeroy Adams, B. S.; Jan. 26, 1898.
*Clement Claude Campbell, B. S.; B. D.
Caroline Wells Daniels, B. S.; M. A., 1887; Teacher 1882-1900;
Travel; Independence, Iowa.
Clifton Fremont Hodge, B. A.; Ph. D.; John Hopkins Uni-
versity 1885-89; Professor, U. of W. Va., Morgantown,
W. Va.
Lucius Daniel Hopkins, B. A.; M. A., 1889; General Theological
Seminary, N. Y., 1882-86; Missionary; Minister; Big
Suamico, Wis.
John Roberts Jones, B. S.; Banker; Lumberman; Hankinson,
N. D.
Thomas Richard Jones, B. A.; M. A., 1890; M. D., 1890; Chi-
cago Medical College, 1888-89; University of Buffalo,
1889-90; Physician; 765 Marshall St., Milwaukee, Wis.
Chester Tullar Kennan, B. S.; Mining Geologist, Engineer,
Mine Operator; 409 Empire State Bld'g, Spokane, Wash.
*William Frederick Meyer, B. S.; 1913.
Mary Janes Montague, B. S.; Mrs. H. H. Powers, Stanford
University; University of Berlin; Travel; 9 Billings Park,
Newton, Mass.
Frank Knight Sanders, B. A.; M. A., 1888; Ph. D., 1889; D. D.,
1900; LL. D.; Yale University 1886-89; Professor of Bibli-
cal Literature and Archaeology 1888-1901; Presi-
dent Washburn College; Director of the Board of Mis-
sionary Preparation; 400 West 118th St., New York, N. Y.
*Elvin Berry Savage, B. S.; Sept. 12, 1890.
Edward Herbert Wilson, B. S.; Law Student at Milwaukee,
1884-87, Attorney; 153 New Insurance Bldg., Milwaukee,
Wis.

Class of 1883.

- Emma Osborn Cleaver, B. A. (Mrs. I. Parrott); M. A., 1886;
M. D.; Teacher. 1883-89; Student at Woman's Medical
College, Philadelphia. 1895; Johns Hopkins, Baltimore,
1889-91; Columbia Hospital, Washington, D. C., 1891;
Medical Missionary to China and Japan; Kobe, Japan.

- Henry Seward Cooke, B. S.; Manufacturer of Paper; Kaukauna, Wis.
Colin Clinton Joslyn, B. S.; Attorney; 3112 Hennepin Ave., Minneapolis, Minn.
Samuel Melancthon MacNeill, B. A.; B. D., 1886; Yale Divinity School, 1883-86; Minister; 243 E. Milwaukee Ave., Wauwatosa, Wisconsin.
Daniel De Lloyd Sutherland, B. S.; Columbia College 1883-84; Travel; Lawyer; Fond du Lac, Wis.

Class of 1884.

- Margaret Booker, B. A., Mrs. Wm. R. Dawes, Teacher 1884-88; 1803 Chicago Ave., Evanston, Ill.
William R. Dawes, B. A.; Vice-President Central Trust Co., of Illinois; Evanston, Ill.
*Merritt Welcome Phillips, B. S.; Jan. 14, 1902.

Class of 1885.

- Mary Lampson Dobbs, Fond du Lac, Wisconsin.
*Mark Thomas Halphide, B. S.; LL. B.
John Cleland Johnston, B. S.; Farmer; Waupun, Wis.

Class of 1886.

- Orrin Wright Bow, B. S.; University of Michigan, 1887-88; Attorney; Loan and Trust Bldg., Milwaukee, Wis.
Frederick Merrell Brigham, B. A.; Columbia College 1889-91; Attorney 1892-97; The Fairfax, Germantown, Philadelphia, Penn.
Fremont Rodgers Crabtree, B. S.; Architect and Engineer; 2449 Grand Ave., Milwaukee, Wis.
Edward Tracy Merrell, B. A.; Hartford Theological Seminary 1886-88; Editor; Business; 81 Union Ave., Framingham, Mass.
Maude Lincoln Merrell, B. S.; Mrs. B. H. Brown, Teacher 1886-97; 39 Garden City Hts., Walla Walla, Wash.
Grace E. Morgan, B. A.; Mrs. Luther Davies, Music Student at Boston, Mass., 1887-88; 116 Church St., Oshkosh, Wis.
Grace Mouat, B. S.; Teacher 1886-1899; University of Chicago; 703 Court St., Janesville, Wis.
Charles Hosmer Scribner, B. S.; M. D., 1890; University of Michigan 1886-87, College of Physicians and Surgeons, New York City, 1888-90, Physician; 674 E. 27th St., Paterson, N. J.
*Louis Mead Sherman, B. S.; Feb. 21, 1896.
Lee Swift, B. A.; Teacher 1886-1900; Hayward, Wis.
*George Carl Weiss, B. A.; 1920.

Class of 1887.

- Emma Louise Nohl, Mrs. George Kreutzer; Teacher 1887-1900; Athens, Wis.
*Marian Amoret Sargeant, Mrs. C. W. Williams; Jan. 8, 1896.

Class of 1888.

- James Wallace Cabeen, B. A.; (B. D., 1893); Morgan Park Seminary, 1889-92; University of Chicago, 1892-93; Minister; Prineville, Ore.

Luther Davies, B. S.; Harvard University; Merchant; 116 Church St., Oshkosh, Wis.

Willis Penfield Elwood, B. A.; M. A.; Union Theological Seminary. 1888-91; Missionary to India, 1891-1920; Palani, India.

*Anna Moncrief Hamilton. B. S., Mrs. James W. Cabeen.

Flora Edith Hockenhull, B. A.; Mrs. Philip Leahy; Chippewa Falls, Wis.

*Thomas John Jones, B. A., Ph. D.

Class of 1889.

Bertha Hobert Bacon, B. A., Mrs. Charles T. Green; Wisconsin University, 1916; Milwaukee Normal 1919; Teacher, 1889-1920; Head of Library Department of High School, Menominee, Mich.

Jennie Young Middleton, B. A.; Library Student at Albany, N. Y., 1889-91; Librarian Apprentices' Library, Philadelphia, Pa., Librarian. Northampton, Mass.

Isabella Holmes Phelps B. A., Mrs. Frank E. Gooding; Teacher 1890-96; Rochester, Minn.

Class of 1890.

*Charles Danforth Campbell, B. A.; Sept. 17, 1899.

Eleanora Sophronia Everhard, B. S.; M. A., 1893; University of Michigan. 1892-96; Medical Student New York City; Physician; The Calvert. Dayton, Ohio.

Mary Curtis Wheeler. B. A.; Student Columbia University, New York City, 1903; Supt. Illinois Training School for Nurses; Study: Illinois Training School for Nurses, Medical Dissection. Ann Arbor. Mich., Hospital Economics, Teachers College, N. Y.; Published: Nursing Technic (Lippincott); Member of National Committee on Red Cross Nursing Service; President. Illinois League of Nursing Education; 509 Honore St., Chicago, Ill.

Class of 1891.

Mary Blanche Dunbar, B. A., Mrs. G. H. Nordvi, Teacher 1891-96; Picketts, Wis.

Nellie Blanche Eggleston, B. A., Mrs. W. E. Haskell; Chicago University; Author; 601 West 115th St., New York, N. Y.

*Wilton Brewster Judd, B. S.

Arthur Eastman Leonard, B. A.; M. A., 1895; B. D., 1895; D. D., 1913; Chicago Theological Seminary 1892-95; Minister; 220 So. Fifth Ave., La Grange, Ill.

Ella Elizabeth Meyer. B. A.; Teacher, 1894-1902; 1240 Johnson St., San Diego, Calif.

William Barrett Millard, B. A.; M. A., 1895; D. D.; Chicago Theological Seminary. 1892-95; Minister; Organized Charities; 6024 Woodlawn Ave., Chicago, Ill.

Samuel Marcellus Pedrick. B. S.; M. A., 1895; (LL. B., 1904); University of Wisconsin 1892-94; Lawyer; Ripon, Wisconsin.

Class of 1892.

Charles Hamilton Dunbar, B. S., Farmer; Picketts, Wis.

Arthur James Mercer, B. A., Contractor; 111 Twelfth St., San Francisco, Cal.

- Mamie Lucilda Newton, B. A., Mrs. J. Swearingen, Ripon College 1893-94. Teacher 1894-1902; Toledo, Ore.
- †Johan Oscar Ostrom, B. A., M. A., 1897, Hartford Theological Seminary, Augustant Theological Seminary 1896-97, Minister; 1717 Franklin Ave., Astoria, Ore.
- Ellen Amelia Stickle, B. A., Mrs. Geo. J. Harris; Library Science in Armour Institute, 1894-95; Metropolitan Conservatory of Music, 1896-97; Lena, Ill.
- Emilie May Stickle, B. A.; Mrs. Wm. F. Friedman; Teacher 1893-19; 7024 Yale Ave., Chicago, Ill.

Class of 1893.

- Horace Orlando Bethel, B. A.; M. A., 1897; McCormick Theological Seminary, 1893-96; Minister; Hartford, Ia.
- *Margaret Bochart Hamilton, B. A., Mrs. J. W. Cabeen.
- Ernest Henry Mercer, B. A.; M. D., California Medical College 1893-96; Physician; 927 Market St., San Francisco, Cal.
- Elmer Addison Morse, B. S.; University of Wisconsin 1898-1900; Superintendent of Schools, Racine County; Member of Congress; City Attorney, Antigo; 600 First Ave., Antigo, Wis.

Class of 1894.

- Benjamin Harrison Brown, B. S.; M. A., 1897; Professor of Physics, Whitman College; Walla Walla, Wash.
- Elwyn Francis Chandler, B. A.; M. A., 1897; Professor of Mathematics; Professor of Civil Engineering; University of North Dakota; University. N. D.
- Julia Moore Dickinson, B. A.; Mrs. Irwin A. Pearsall; Rice Lake, Wis.
- Mary Jeanette McQueen, B. S.; Rhinelander, Wis.
- Mary Eliza Morse, B. S.; Mrs. Wallace M. Short, Teacher 1894-96; 1524 Isabelle St., Sioux City, Iowa.
- Roy Lewis Morse, B. A.; Ripon College 1894-95. University of Wisconsin 1895-96, Attorney; 109 Fourth St., Fond du Lac, Wis.
- Eliza Ruth Scribner, B. A.; Mrs. John W. McShepherd; 239 Seventeenth Ave., Patterson, N. J.
- Fred Locratus Selden, B. A.; McCormick Theological Seminary. 1895-98; D. D. Jamestown College, 1914; Minister; 4307 N. Hermitage Ave., Chicago, Ill.
- Margaret May Sutherland, B. A.; Missionary Training School, Newton, Mass., 1896-97, Missionary at Bhamo, Burma, 1897-1900, School of Education University of Columbia, 1920; Kemendine, Burmah.

Class of 1895.

- †David Robert Davies, B. A.; Rochester Theological Seminary 1895-98; Minister; Linn Grove, Iowa.
- Frederick William Heberlien, B. A.; B. D., 1898; Yale Divinity School, 1895-1898; Minister; District Superintendent of Congregational Churches; 1020 2nd Ave., W., Ashland, Wisconsin.
- Leila DeEtte Jackson, B. S.; M. D. Rush Medical 1908; Research Work, Pathology; Chemical Warfare Service, New Haven; 637 So. Wood St., Chicago, Ill.
- Daniel R. Jones, B. S.; Law Course, University of Minnesota; Lawyer; Wahpeton, N. D.

- Mary McDermid, B. A., Mrs. W. B. Minton, Missionary 1895-97; Spanish Department Union College; Barbourville, Ky.
*Blanche Eliza Pinch, B. S.; Feb. 7, 1905.
*John Southworth Rountree, B. A.; LL. B.; March 3, 1920.

Class of 1896.

- Carrie White Denison, B. A.; Mrs. Victor E. Palmer; Hartford, Wis.
Edith Mabel Evans, B. A.; Mrs. Oscar H. Ecke; Teacher 1896-1902; 26 Algoma St., Fond du Lac, Wis.
Hugh Cadwalader Griffiths, B. A.; Minister; 131 S. 4th St., Bangor, Penn.
Edwin Charles Hall, B. S.; University of Michigan, 1898-99; Engineer; 680 49th St., Milwaukee, Wis.
Jennie McDermid, B. A.; Mrs. Frederick Burnam; Nurse 1896-1900; Editor; Box 52, Barbourville, Kentucky.
Isabelle Margaret McQueen, B. A., Teacher 1896-98; Rhineland, Wis.
Arthur William Newcomb, B. A.; Author; Editor; Employers' Advisor; Alpine, N. J.
Jessie Ellen Spooner, B. A.; M. A., 1901; Teacher and Principal; Grand Marais, Minn.

Class of 1897.

- Alzina Meroa Kelly, B. A., Mrs. H. O. Bethel, Hartford, Ia.
Grace Gifford Lewis, B. S., Mrs. E. R. Oliver, Teacher 1897-1902; No. 04601 Jefferson St., Spokane, Wash.
Frank Helmer McAssey, B. A., Clark University 1898-99, Insurance; Richmond, Ill.
Robert Morris, B. A., Teacher 1897-1900, County School Superintendent; Wisconsin Rapids, Wis.
Elmer Rufus Oliver, B. S., Teacher and Principal; 04601 Jefferson St., Spokane, Wash.
Garrett William O'Neill, B. A., Teacher 1897-1899, Custodian Federal Building; 6517 57th Ave., So., Seattle, Wash.
*Victor Edwin Palmer, B. S.
†Henry Moody Pinkerton, B. A.; Chicago Theological Seminary 1897-99; Teacher; Minister; 25 Honore St., Chicago, Ill.
Frank Beals Sheerar, B. A.; Omro, Wisconsin.
*Ida Wolff, B. A.

Class of 1898.

- Helen Burnham Bottum, B. A.; Ripon, Wis.
Blanche Julia Buck, B. A.; Chicago University 1903-04; Teacher; 208 Hewitt St., Neenah, Wis.
*Harry David Clark, B. A.
Carrie Lee Dysart, B. A.; Teacher, Milwaukee High School; 316 19th St., Milwaukee, Wis.
Silas Evans, B. A.; A. M., 1901; (B. D., 1901; D. D. LL. D.); Princeton Theological Seminary 1898-1901; President of Ripon College 1910-17; President Occidental College 1917-1920; Pastor Presbyterian Church, San Diego, Calif.; 102 W. Grape St.
Alice Kneeland Flagg, Mrs. W. C. Hitchcock, Teacher 1898-1901; 1208 Second Ave., W., Ashland, Wis.
Albert Henry Griffith, B. A.; M. A.; Farmer; Fisk, Wis., R. F. D.

- Hugh William Griffith, B. A.; M. A. and S. T. B., Princeton; Princeton Theological Seminary 1898-1901; Minister; 110 W. Main St., Plymouth, Penn.
- William Ernest Hargrave, B. S.; University of Wisconsin 1898-99; Farmer; Roberts, Wis.
- Ernest Eugene Hemingway, B. S.; M. A., 1903; Ph. D., 1904; M. D., 1908; University of Minnesota 1901-1904; Physician and Surgeon; 1323 E. 45th St., Seattle, Wash.
- Wallace Chester Hitchcock, B. A.; B. D., 1901; Chicago Theological Seminary 1898-1901; Professor Northland College; Ashland, Wis.
- Jessie De Ette Jackson, Mrs. S. A. Hadley; Kingston, Wis.
- Mary Ellen Jones, B. A., Mrs. R. G. Jones, Teacher 1898-1900; Oshkosh, Wis.
- Robert Henry Jones, A. B.; D. D.; Minister; 2261 West 19th Pl., Los Angeles, Cal.
- Phillip Leahy, B. S.; Teacher 1898-1901; Supt. Sunday School Missions; President Chippewa Valley Business College 1905-1917; 202 S. Rural St., Chippewa Falls, Wis.
- Lottie Munsell, Teacher 1898-1903; Editing War Records; Wells River, Vt.
- Edwin Arthur Ripley, University of Wisconsin 1898, University of Minnesota 1903, Attorney and Investment Banker; 122 Main St., Mandan, N. D.
- Paul Jennings Thompson, B. A.; M. A., 1901; LL. B., 1901; University of Minnesota 1898-1901; Lawyer; War Work in Italy; 4600 Upton Ave., S., Minneapolis, Minn.
- *Archibald Henry Young, B. A.; Oct. 21, 1905.

Class of 1899.

- Ralph Hale Buckland, B. S.; M. D., 1902; Rush Medical College 1900-1902; Farmer; Green Lake, Wis.
- Max Alfred Bussewitz, A. B.; A. M., M. D.; University of Wisconsin; Illinois Medical College; Professor; Milwaukee State Normal; 455 Kenwood Blvd., Milwaukee, Wis.
- Isabella Webster Collins, Mrs. F. E. Morley, University of Wisconsin, 1907. Teacher 1893-1899; Viroque, Wisconsin.
- Lulu May Dysart, University of Chicago, University of Wisconsin. Teacher. West Division High School, Milwaukee, Wis.; 316 19th St., Milwaukee, Wisconsin.
- John Samuel Foat, B. S.; M. D., 1902; Rush Medical College 1899-1902; Physician and Surgeon; War Service; 435 Watson St., Ripon, Wis.
- Alexander Walter Hargrave, B. A.; Teacher 1899-1903; Farmer; Ripon, Wis., R. F. D.
- Pearl Selma Hendrickson, Mrs. E. C. Hall, Teacher 1899-1903; 680 49th St. Milwaukee, Wis.
- Ebenezer Edwin Jones, B. A.; (B. D. 1902); Princeton Theological Seminary 1899-1902; Minister; 2261 W. 29th Place, Los Angeles, Cal.
- Mentor Valerius Karl Jopp, B. A.; Attorney; 1118 La Trobe Ave., Austin, Chicago, Ill.
- Julia Elizabeth Lehmann, Teacher; The Cedars, Woodland, Wis.
- Samuel Smith Morse, B. S.; M. D., 1902; Rush Medical College 1899-1902; Physician; Route 3, Racine, Wis.

Class of 1900.

- Donald Edward Frank, B. A.; University of Chicago 1904-05; Teacher 1902-1920; 759 Hackett Ave., Milwaukee, Wis.
Sarah Clyde Mitchell, Mrs. S. S. Morse; Columbia School of Oratory, Chicago, Ill., 1902; Teacher 1900-1901, 1902-3; R. F. D. 3, Racine, Wis.
William John Stewart, B. A.; B. D.; Andover Theological Seminary 1902-03; Minister; 2260 Scarth St., Regina, Sask.
William Daniel Williams, B. A.; Oberlin Theological Department 1902; Princeton Theological Seminary, 1903; Minister; Lemmon, N. D.

Class of 1901.

- Arlouine Ayer, B. A.; Mrs. Robert S. Hall, Teacher 1901-1904; 8 N. 2nd St., Pottsville, Pa.
James Edward Batty, B. A.; Educational Work; 410 Y. M. C. A., Dallas, Texas.
George Wilson Beattie, B. S.; Teacher 1901-1902; Business; So. Hartford, N. Y.
Frederick Conrad Boller, B. A.; McCormick Theological Seminary; Minister; Reserve, Wis.
Harold Giles Churchill, B. S.; School of Oratory, Boston, Mass., 1901-3; Teacher 1903; Cashier, First State Bank, Endeavor, Wis.
Lotta Elizabeth Clark, B. A.; (M. A., 1903); University of Michigan 1902-03; University of Washington, 1918; Santa Barbara State School of Manual Arts and Home Economics 1919-1920; Teacher, State Normal, Santa Barbara, California, 1436 Laguna St.
Grace Margaret Collins, Teacher; Mrs. John Pyper; Concord, N. H.
James Alexander Davidson, B. S.; University of Chicago, 1903; Minister; Bellaire, Texas.
Harriet Davies, B. A.; Missionary Training School, Chicago, Ill., 1902-3; College of Physicians and Surgeons, Chicago, Ill., 1903; Physician; Habiganji, So. Sylhet Dist., India.
William Reese Davis, B. A.; A. M., Harvard University; University of Chicago, 1902; Whitman College; Walla Walla, Wash.
*Hugh Jones Edwards, B. A.; M. D.
Jennie Hall, B. S., M. A.; University of Minnesota; University of Wisconsin; Columbia University; Teacher; 3305 Clinton Ave. So., Minneapolis, Minn.
Mary Powell Hall, Physician's Assistant; 424 Woodside Ave., Ripon, Wis.
Robert Sidney Hall, B. S.; University of Wisconsin 1901-2; Contractor; 8 N. 2nd St., Pottsville, Pa.
David Helm Holbrook, B. A.; Teacher 1901-1919; Executive Secretary Russell Sage Foundation Bldg., 22nd St., New York, N. Y.
Edith Blackman Merrell, B. A.; Mrs. W. R. Davis, University of Chicago; 812 Boyer Ave., Walla Walla, Wash.
Mildred Corinne Mitchell, Y. W. C. A. General Secretary; Racine, Wis.
Carrie Z. Morse, B. A.; University of Wisconsin; Teacher; 529 23rd St., Ogden, Utah.

Margaret Abiah Older, B. A.; University of Chicago; Teacher; South Division High School, Milwaukee, Wis., 1900 Wells Street.

David Kendrick Roberts, B. A.; McCormick Theological Seminary 1901-4; Denver University 1904-5; Minister; Racine, Wis.

Ira Adams Russell, B. A.; Farmer; R. F. D. Ripon, Wis.

John Rogers Thomas, B. A.; Princeton Theological Seminary, 1901-4; Minister; Ebensburg, Penn.

Class of 1902.

Foster John Batty, B. S.; Teacher 1902-4; Plainville, Wis., R. F. D. 1.

Joanna Belle Beebe, B. A.; Teacher; Two Rivers, Wis.

Arthur Gunderson Hayden, B. S.; Draftsman; 59 Dane St., Albany, N. Y.

John Daniel Jones, B. A.; Minister; Ottawa, Minn. *

Harriet Evelyn Lehman, B. S.; Mrs. V. S. Kutchin; Northwestern University, 1903-7; Green Lake, Wis.

Wanda Laurie Nohl, B. A.; Mrs. A. W. Merrifield, Teacher 1902-4; Fort Benton, Montana.

Class of 1903.*

Margaret Agnes Abel, Mrs. Furch, Teacher 1903; Cheney, Wash.

Warren Howard Barber, Marketing Specialist; Washington, D. C., Bureau of Markets.

Arthur Joseph Batty, M. D.; Rush Medical College, Physicians and Surgeons; Portage, Wis.

Dirk Bruins, M. D., 1906; Northwestern University Medical School 1903-1906. Physician and Surgeon; War Service: Spanish War 1898; Mexico 1917; in France 1918; 272 35th St., Milwaukee, Wis.

Jo Lana Belle Cate, Mrs. J. Brennehan; University of Wisconsin; 713 N. 5th St., Ottumwa, Iowa.

Russell Thompson Congdon, M. D.; Medical School of Harvard University; Physician; Wenatchee, Wash.

Allen Harwood Duffie; Orchardist; Lewiston Orchards, Lewiston, Idaho.

Robert William Griffith; McCormick Theological Seminary, Chicago, Ill., Minister; Milk River, Alberta, Canada.

Victor Sherwood Kutchin; Chicago University, Chicago, Ill., 1903-6; Harvard University 1904-5; Lawyer; Green Lake, Wis.

Albert Guido Meier, M. A., 1904; Study in Germany and Switzerland 1908-9; High School Principal; 908 Laurel Ave., St. Paul, Minn.

Laura Angelica Meier, M. A., 1904; Professor of English Literature, College of Emporia, Emporia, Kansas.

Caroline Madge Morse, Mrs. Decker, Teacher 1905-7; Benton, Wis.

* The degree of B. S. was discontinued in 1903. The degree of B. A. was conferred upon all later graduates until 1918.

Class of 1904.

Anna E. Bloom, Mrs. Wilbur Sparks, Teacher 1904-6; Crystal Lake, Iowa.

Clara Anabel Bloom, Journalist; Neenah, Wis.

- Edith B. Chandler, University of Chicago 1906-7, 1910-11, University of Berlin, 1919; Travel; Teacher in Proctor Academy, Provo, Utah.
- *Flora L. Clawson, Mrs. Robert Williams.
- Howell D. Davies, B. D.; M. A.; Princeton University and Seminary 1904-7; University of Halle 1907-8; University of Basel 1908; Minister; Wauwatosa, Wis.
- Eva Floy Davis, Mrs. V. A. Suydam, University of Wisconsin; 1125 4th Ave., Grinnell, Iowa.
- Erwin C. Dawley, Business; Wausau, Wis.
- Ruth Hall, Mrs. John Storrs Hall, Teacher; 424 Woodside Ave., Ripon, Wis.
- David Breese Jones, Ph. D.; Yale University 1906-8, 9-10, Research Chemist U. S. Dept. Agriculture; Washington Grove, Md.
- William Ash Lamb, Farmer; Roberts, Wis.
- *Jessie McDermid; Nov. 17, 1907.
- Julia H. Merrell, A. M.; Mrs. Howell D. Davies; Radcliffe College 1907-8; Teacher 1904-6; Wauwatosa, Wis.
- *Edgar S. Newschwander.
- James Russell Stewart; Business; 638 Duane St., Glen Ellyn, Ill.
- Conrad Vandervelde, M. A., Princeton 1906; B. D., Princeton Theological Seminary 1907; D. D., Ripon College 1919; Professor of Philosophy and Dean, Emporia College; 1111 West Street, Emporia, Kansas.

Class of 1905.

- Florence Isabelle Eggleston, M. A.; Mrs. R. G. Dick; University of Chicago, 1905; 9 Brighton Road, Worcester, Mass.
- May B. Hill, Mrs. D. E. Frank; 759 Hackett Ave., Milwaukee, Wis.
- Chas. W. Holbrook, Marine Biological Lab., Wood's Hole, Mass.; Teacher; 2022 N. 7th St., Sheboygan, Wis.
- Albert J. Lobb, Assistant to the President University of Minnesota, Minneapolis, Minn.
- *George C. Merrell, 1917, France.
- Chester B. Morse, M. S., University of Michigan; Assistant District Forester; Forest Service; Ogden, Utah.
- Jennie M. Owens, Teacher; Blue Earth, Minn.
- John A. Powell, Columbia University, 1904, Attorney; San Gabriel, Calif., R. F. D. 1, Box 313A.
- Augusta L. Reichmuth, Teacher; Manitou, Colo.
- Nellie D. Sanford, Mrs. M. M. Newcomb, Teacher 1905; 204 E. Diamond Lake Rd., Minneapolis, Minn., R. F. D.
- Samuel Ray Scholes, Ph. D.; Yale University 1908-11; University of Chicago, 1907; Chemist, H. C. Fry Glass Co.; Rochester, Pa.
- William Hill Thompson, M. A., Yale University 1906; Rancher; Burley, Idaho.
- *Gertrude M. Utter, Mrs. Chas. W. Holbrook.
- Arthur J. Weisender, M. D., Johns Hopkins University 1905, Physician; Berlin, Wis.
- Robert Lloyd Williams, M. D., Jefferson Medical College 1905-6, Physician; Supt. Wis. State Tuberculosis Sanitarium, Statesan, Wis.

Class of 1906.

- Frank LaFayette Anders, University of Wisconsin 1906-7, Civil Engineer; 410 9th Ave., S., Fargo, N. Dak.
- Frank Norman Dexter, B. D. Chicago Theological Seminary 1890; Minister; Elroy, Wisconsin.
- Brutus Seneca Gifford, McCormick Theological Seminary 1907-9; Missionary; Tabriz, Persia.
- Grace Gertrude Goodrich, Ph. D.; American School of Classical Study, Rome; University of Wisconsin; Bryn Mawr College; Professor of Classics, Ripon College, 1907-9; Ripon, Wisconsin.
- Josephine Ruth Hargrave, Simmons College; Librarian, Ripon College; Ripon, Wisconsin.
- Mary Bertha Hargrave, Mrs. F. L. Anders; 410 9th Ave. S., Fargo, N. D.
- Aimee Laura Kellogg, Mrs. B. Vandervelde; 743 Murray Ave., Milwaukee, Wis.
- Cora Eugenie Morse, Mrs. F. E. Volk; Nakoma, R. 7, Madison, Wis.
- Morton Newcomb, Character Analyst; 204 E. Diamond Lake Rd., Richland Sta., R. F. D., Minneapolis, Minn.
- Frances Piekarski, Teacher; Berlin, Wis.
- †† Mabel Eva Rawlings.
- Elizabeth Richardson, Teacher, H. S., Appleton, Wis.
- Lewis Herbert Skidmore, Chicago Theological Seminary; Minister; Kewaunee, Wis.
- David Thomas, Union Theological Seminary, Columbia University 1906-9; United Free College 1909-10; Minister; Business; Marquette Bldg., Chicago, Ill.
- Bartholomew Vandervelde, Chicago University 1907; University of Wisconsin 1908-9; Lawyer; 743 Murray Ave., Milwaukee, Wisconsin.
- Fred Eugene Volk, B. S., University of Wisconsin 1906-8, Librarian, Engineering Dept. State University; Nakoma R. 7, Madison, Wisconsin.

Class of 1907.

- Bessie I. Barlow, Mrs. Wm. B. Murray; 212 2nd Ave., Ashland, Wisconsin.
- E. Lillian Crowther, Teacher; Dickinson, N. D.
- * Martha Torrey Dexter, Mrs. Thomas M. Bobb.
- Lois E. Foote, Mrs. C. M. Perkins, Bellevue, Idaho.
- Bernard Ford Hemp, with Allyn and Bacon Publishing House; Tokyo Apts., Spokane, Wash.
- Anna Houston Hill, Mrs. Joseph Henry, Teacher; Larimore, N. D.
- Ida B. Lobb, Mrs. F. E. Boese; 375 Lafayette Place, Milwaukee, Wis.
- Nina M. Sheldon, Mrs. John A. Powell; San Gabriel, Calif., R. F. D. 1, Box 313A.
- †† Robert Owen Williams, Minister.
- Sarah Edith Wills, Mrs. J. R. Edwards; Ryder, N. D.
- Edgar H. Zobel, Ph. G., University of Wisconsin 1908, Pharmacist, Chemist; 616 Seneca St., Seattle, Wash.

Class of 1908.

- Bessie Bly Barnes, Mrs. L. W. Caldwell; Waupun, Wis.
- Mary Tillie Bumby, Mrs. H. A. Severy; Professor, Milwaukee State Normal School; 910 Downer Ave., Milwaukee, Wis.

- Henry F. Cope, M. A. Oberlin; D. D. Washburn; General Secretary Religious Education Association; 5523 University Ave., Chicago, Ill.
- Emily Smith Dexter, M. A., University of Wisconsin, Professor Missouri Wesleyan College; Cameron, Mo.
- John Smith Dexter, M. A., University of Wisconsin; M. A., University of Saskatoon; Ph. D. Columbia University; Professor University of Saskatoon; Saskatoon, Sask.
- Frances Fordice, Mrs. C. E. Fink; B. L. S., New York State Library School 1910-12; Rosendale, Wisconsin, R. F. D.
- Blanche Mignon Gibson, M. A.; Mrs. A. L. Hirst; University of Wisconsin 1919; 47 N. Main St., Clintonville, Wis.
- Frank L. Haigh, Ph. D. Yale University 1909-12, Professor of Chemistry, Whitman College, Walla Walla, Wash.
- Christina Russell Hargrave, Mrs. George Crowell, B. L. S. Simmons College; Almond, Wis.
- Bird G. Hitchcock, M. A., Mrs. A. E. Fraser; Assistant Department of English Literature in Yankton College; Yankton, N. D.
- William Louis Kaiser, Sales Engineer; 322 Huron Ave., Sheboygan, Wis.
- Earl Leslie King, M. A.; Minister; Missionary; Narsinghpur, Jubbulpore District, India.
- Edna Huntington Merrell, Secretary of International Institute of Y. W. C. A.; 515 Myrtle St., Erie, Penn.
- Thomas John Owens, B. D. Yale University, McCormick Seminary; Minister; Downers Grove, Illinois.
- Newton Page Richardson, Director of Auditorium; 615 Harrison St., Gary, Ind.
- Leonard G. W. Schneller, M. A., Chicago University, Supt. of Schools; Waupaca, Wis.
- Robert Griffin Sherwood, M. A., University of Wisconsin, Princeton University, Research Physicist, Corning Glass Works; 72 E. 2nd St., Corning, N. Y.
- Ruth Thompson, M. A. University of Minnesota 1912, Assistant Librarian, University of Minnesota; 4600 Upton Ave., South, Minneapolis, Minnesota.
- Gilbert Tompkins, Wauwatosa, Wis.
- Helen Pennock Toombs, B. L. S., Simmons College, Boston, Mass., 1908-9; City Librarian, Fort Worth, Texas.
- Lee Benjamin West, Salesman, Baker-Vawter Co.; 71 Steuben Ave., Crafton, Penn.
- Lola Zobel, Mrs. Edward Pares; University of Wisconsin 1910; 1203 East Marquette Road, Chicago, Ill.

Class of 1909.

- Albert Edward Broker, C. E., University of Wisconsin 1909-11, Civil Engineer, Portland Cement Association; Manufacturer of Cement Tiles; Plymouth, Wis.
- John N. Davis, with Allyn and Bacon Book Co., Salt Lake City, Utah.
- Pearl Davison, Mrs. G. C. Davison; 213 Elm St., Swarthmore, Penn.
- *Edward DeBoth, M. D., October, 1918.
- †George W. Friedrich, Teacher; Fond du Lac, Wisconsin.
- Mabel Hattie Frost, Mrs. Frank Haigh; 833 Washington St., Walla Walla, Wash.
- Bernice Ellen Gibson, 47 N. Main St., Clintonville, Wis.

- Ellen May Griffith, Mrs. Erwin L. Shaver, Chicago School of Civics and Philanthropy, 1914; Conway, Ark.
- Willard Wellington Hodge, M. A., 1912 University of Wisconsin, M. A., 1913 Yale University, Assistant Professor of Organic Chemistry, Oregon Agricultural College, Corvallis, Oregon.
- Helen Hughes, Secretary; 19 S. La Salle, Chicago, Ill.
- Paula Jussen, Ripon, Wis.
- Dena R. Knop, University of Wisconsin 1910-12, Teacher; Fond du Lac, Wisconsin.
- Jeanette Lamb, University of Wisconsin 1909-10, Teacher; Dodgeville, Wisconsin.
- Harriet Jennie Morse, Mrs. N. W. Newcomb; University of Wisconsin; 54 W. Phillips Ave., Glen Ellyn, Ill.
- Edna Rosina Murray, County Nurse; Green Bay, Wisconsin.
- ††Sadie M. Prout, Teacher.
- †Walter John Reseburg, Teacher; Seattle, Wash.
- William Jabez Sizer, Principal High School, Colfax, Wis.
- Frances E. Sanford, Mrs. S. Corey; Wisconsin Rapids, Wis.
- Carey Kelhan Smith, Rancher; Mac Allen, Texas.
- *Ernest George Smith.
- Jessie Talbot, University of Wisconsin 1909-1910 and 1919; Teacher, Glenwood, Minn.; Home Address 615 Pierce St., Berlin, Wis.
- Edmund Adolph Yahr, Business; Antigo, Wis.
- Otto Julius Zobel, M. A., University of Wisconsin 1910; Mathematical Physicist, Research Department of American T. and T. Co.; 8 Salter Place, Maplewood, N. J.

Class of 1910

- Howard W. Anderson, LL. B., St. Paul College of Law, St. Paul, Minn., Lawyer; Grand Rapids, Minn.
- William George Bate, M. A., 1915; University of Chicago 1913-4, Principal of High School, Richmond, Indiana.
- Emma Louise Brister, Teacher; 554 Prairie Ave., Kenosha, Wis.
- Allen G. Burg, M. S., University of Wisconsin; Ohio State University; Agricultural Extension; Wausau, Wisconsin.
- †Walter G. Butler, Montello, Wis.
- Jennie Ethel Chittenden, 2271 W. 25th St., Los Angeles, Cal.
- Arthur Floyd Cook, University of Chicago, Superintendent of Schools; Hinsdale, Ill.
- William J. Cotton, M. S., University of Wisconsin; Research Chemist; Research Division, National Aniline and Chemical Co., Buffalo, N. Y.
- Edward J. Cragoe, M. A., University of Wisconsin; University of Michigan; Professor of Chemistry; Baker University, Baldwin, Kansas.
- Ira C. Davis, Teacher; Pennington Hotel, Spokane, Wash.
- Henry Ward Duel, Teacher; 405 S. Jay St., Aberdeen, S. D., Central High School.
- James E. Dunlap, M. A., University of Michigan 1913-1918; Instructor in Latin, University of Michigan; 1306 Wells St., Ann Arbor, Mich.
- ††Morgan Edwards, Teacher.
- John Walter Elliott, Manufacturer, Montello Sta., Brockton, Mass.
- ††Ole Fosberg.

- Lloyd Charles French, Principal High School, Ambridge, Penn.
Abby May Higgins, Mrs. Charles A. Engelbracht, M. A.,
University of Wisconsin 1910-11; Frankfort, Mich.
Thomas J. Hill, Athletic Director, High School, Ashland, Wis.
Frances Ethlyn Holt, M. A., University of Wisconsin 1911,
Teacher; 303 W. Elm St., Lodi, Calif.
Ralph A. Holvenstot, Insurance, Bloomer, Wis.
*Roy Vernon Imrie, Nov. 22, 1910.
John Edward Jones, McCormick, Theological Seminary 1910-
12; Clergyman, Helmer, Ind.
John Richard Jones, Madison, Wis.
Samuel T. Kidder, Salesman, Tifton, Ga.
George Lucas Kingsbury, Orchardist, Winchester, Wash.
John W. Lowe, M. A.; Ph. D.; University of Wisconsin; Uni-
versity of California; Professor, Carroll College, Wau-
kesha, Wisconsin.
Harvey Herman Mader, Salesman, Northfield, Minn.
Francis Augustus McCray, M. S., University of Wisconsin;
Dairy Farming; Park River, N. Dakota.
William F. Meggers, M. A., University of Wisconsin 1916;
Ph. D. Johns Hopkins 1917; Physicist; 1954 Biltmore St.,
N. W., Washington, D. C.
Edward Merbach, Superintendent of Schools, Marinette, Wis.
*Helen Mutch, Mrs. Herman A. Clark, December 13, 1920.
Nellie Owen, Teacher, Randolph, Wis.
Ira Sheldon Parker, Assessor of Incomes, Tomahawk, Wis.
*Clinton Virgil Reed, Nov. 1918.
††Jesse Marion Reed.
Belva L. Ronne, Mrs. Wm. J. Cotton, Buffalo, N. Y., care
National Aneline and Chemical Co.
Arthur Ernest Schaar, Printer, Fond du Lac, Wisconsin.
*Erminine Rawlings Sherman, June 9, 1917.
Rena B. Shuart, Teacher, West Side High School, Green Bay,
Wis.
Wilbert L. Smith, Business, 270 Convent Ave., New York City.
Joseph E. Swetland, Director of Athletics, Dunwoody Indus-
trial Institute, 2909 W. 48th St., Minneapolis, Minn.
Raymond L. Wegel, Western Electric Co., 39 Claremont Ave.,
New York City.
Robert A. Weir, West Publishing Co., St. Paul, Minn.
Ralph Edward Winchester, University of Wisconsin; Uni-
versity of Washington; Teacher, Seattle Public Schools;
340 So. Michigan Ave., Pasadena, Calif.
Erna Ida Zobel, Mrs. Emmons Luetscher, Ripon, Wis.

Class of 1911.

- Carl Peter Bast, B. D., Chicago Theological Seminary; Mil-
bank, S. D.
Myrtle Marie Bletsoe, Stenographer; 1429 Blair St., St. Paul,
Minn.
Laura Cunningham, Mrs. G. W. Runals; N. San Antonio Ave.,
Claremont, Calif.
Royal Edwin Davis, Athletic Director, High School, Aurora,
Ill.
Robert Newcomb Gibson, Retail Lumber; 1111 Climax Ave.,
Lansing, Mich.
Bruno J. Glaubitz, Physician; 4812 Sheridan Road, Chicago,
Ill.

- Helen Hazel Goodrich, Teacher-Librarian; University of Wisconsin; Mineral Point, Wis.
- Ruth Frances Gower, Dean of Women, Yankton College, Yankton, S. D.
- †Emmitt Albert Hassett, Merrill, Wis.
- Mabel Holthoff, Mrs. J. A. Russell; 4038 N. Monticello Ave., Chicago, Ill.
- Howell Humphrey, M. S., University of Wisconsin; Manufacturer; 1211 Seventh St., Wausau, Wis.
- Robert Humphrey, M. S., University of Wisconsin; County Agricultural Agent, Lewiston, Minnesota.
- Frank Sydney Hyer, University of Wisconsin; President State Normal School; Whitewater, Wis.
- James Elton Imrie, Consulting Engineer, Curtis Dry Kiln Company, Buffalo, N. Y.
- Haydn Anthony Johns, Lawyer; Randolph, Wis.
- *Latimer Johns, 1918, in France.
- Irmagard Jones, Mrs. Austin Morrison; Wisconsin Rapids, Wis.
- Harvey Earl Larsen, Teacher; E. Lansing, Mich.
- George Henry Lewis, M. A., Columbia University; Harvard University; T. T. B., Andover Seminary; Minister; 1400 253rd St., Chicago, Ill.
- Oscar Henry Lichtenberg, Ph. G.; Pharmacist; Princeton, Wis.
- †George Henry Lucas, Gettysburg, S. D.
- Harold Jewett MacNeill, Western Representative of the Thos. Charles Co.; 22nd and Capitol Ave., Omaha, Neb.
- Cora Maude Manaton, Photographer, Harvard, Ill.
- Ethel Adele Miller, 520 Watson St., Ripon, Wis.
- Myrle Anne Miller, Ripon, Wisconsin.
- Vine Miller, University of Chicago, 1911-12, Teacher 1912-19; Ripon, Wis.
- Avis Mooney, Dean of Grafton Hall, Fond du Lac, Wisconsin.
- Frank G. Mooney, International Harvester Co., So. Chicago, Ill.
- †Mace McCracken Morse, Princeton, Wis.
- †Frank Marcel Nickodem, Princeton, Wis.
- Ruth Osgood, Mrs. Ira P. Denning; Oakes, N. D.
- Chauncey George Peters, University of Wisconsin; Associate Physicist, Bureau of Standards, Washington, D. C.
- †Herman Charles Piehl, Inkster, N. D.
- Guy A. Russell, University of Wisconsin, 1911; Farmer; Ripon, Wisconsin.
- Lydia Leonore Schaper, Mrs. S. B. Clark; Teacher; Two Rivers, Wis.
- Ethel Sutherland, 240 E. Division St., Fond du Lac, Wis.
- Mary Buckley Taintor, M. A., Ripon College; M. A. Stanford University; University of Chicago; American Classical School, Rome; Paris; Grenoble, France; Professor of French, Ripon College, Ripon, Wis.
- Jessie Thomas, Mrs. B. T. Schiek, 87½ Bartlett Ave., Milwaukee, Wis.
- Beryl Beatrice Thompson, Mrs. Harold A. Arpin, 419 W. 1st St., Duluth, Minn.
- Leonard Newton Thompson, 1818 Laurel Ave., St. Paul, Minn.

William Francis Werfelman, Yale University 1911-1914, M. A. 1913, B. D. 1914, Clergyman; 548 Macon St., Brooklyn, N. Y.

Harold M. White, University of Wisconsin, Teacher; 1415 3rd Ave., South, Fargo, N. Dak.

Louise Zobel, 2423 Park Ave., Indianapolis, Ind.

Class of 1912.

Charles B. Atwood, Salesman, 141 West Gilman St., Madison, Wis.

†Arthur Carroll Barry, Montello, Wis.

Theodore H. Bast, Professor, Piedmont College, Demorest, Ga.

Horace A. Bumby, President Ripon Produce Co., Ripon, Wis.

Claude Henry Crago, Bureau of Standards, 1954 Biltmore St., Washington, D. C.

Maude Elizabeth Cragg, Teacher, Belvidere, Ill.

Mildred Irene Dockery, Mrs. E. C. Johnson, Ripon, Wis.

Genevieve Marion Dopp, Mrs. E. J. Crago, Baldwin, Kansas.

Christine Elizabeth Draeger, Tampico, Mont.

George Lauren Duffie, Pasadena, Calif., 550 W. California St.

Sigrid Esbensen, Teacher High School, Walla Walla, Wash.

William Lee Finnegan, Grand Ave. and Chippewa St., St. Louis, Mo.

Frances Mary Foote, Mrs. Robert T. Flood, Kimberly, Idaho.

Edward Daniel Fruth, Athletic Director H. S., Fond du Lac, Wis.

Harvey William Guetzloe, Journalist, Milwaukee Journal, Milwaukee, Wisconsin.

Llewelyn Jones, 2747 Warren Ave., Chicago, Ill.

†Corinna Albertine Kirchgeorg, Mrs., 514½ Greenbush Ave., Milwaukee, Wisconsin.

Ellis Llewellyn Krause, Professor, Marietta College, Marietta, O.

Anna Luella Larkin, Mrs. Thomas Brinton, Missionary, Africa.

Ethel Emma Lyon, University of Chicago 1914-15, Teacher; Park College, Parkville, Missouri.

Eileen Agnes Miller, 317 Thorn St., Ripon, Wis.

Glen Raymond Otis, Merchant, Cresco, Iowa.

James Clarence Mutch, Manufacturer; Teacher; Baraboo, Wis.

Humphrey William Owen, Nevin, North Wales.

Perry Sheldon Pray, University of Wisconsin; Teacher, Riverside H. S.; 1112 Cramer St., Milwaukee, Wis.

Carl Wesle Utgard, Business, Amherst, Wis.

Robert V. Young, University of Wisconsin, Superintendent Public Schools, Ajo, Arizona.

Class of 1913.

†Bert Llewellyn Choate, Waupun, Wis.

Carl Susan Crago, Princeton University; Physicist; 5231 Wisconsin Ave., Washington, D. C.

William H. Davies, M. A., Princeton Seminary and University, Minister; North East, Md.

Rowland Evans, B. D., Chicago Theological Seminary; Minister; Wagner, S. Dak.

Charles C. Finnegan, Teacher, Grafton, N. D.

Lowell Pierce Goodrich, University of Wisconsin; Superintendent of Schools, Ripon, Wisconsin.

- Louis E. Graf, M. S., Yale University; Manufacturing Chemicals, Bound Brook, New Jersey.
 Eleanor May Grant, Principal of H. S., Dickinson, N. D.
 Carl F. Hanske, Stout Institute; University of Wisconsin; Yale University; Teacher; 1635 N. Delaware St., Indianapolis, Ind.
 May Augusta Holiday, Teacher, Stoughton, Wis.
 Jane Jones, Mrs. L. P. Goodrich, 327 Thorn St., Ripon, Wis.
 Angeline Persis Jones, Mrs. Thomas Scott, 96 Rutledge Ave., Charleston, S. C.
 L. H. Kornder, M. D., Northwestern University; Physician; 2207 Scott St., Davenport, Ia.
 Belle Le Clair, Teacher, Vancouver, Wash.
 Charlotte Beatrix Liebman, University of Wisconsin; Teacher, Manitowoc, Wis.
 William Hinslea Lyon, Banker, Brandon, Wis.
 Elizabeth Meshynski, Teacher, Crosby, Minn.
 Thomas Smith Murrish, Business, Stevens Point, Wis.
 Alma Helen Nohr, Mrs. H. M. Church, 920 Rose St., La Crosse, Wis.
 Gordon Francis O'Connor, Teacher, Fond du Lac, Wis.
 Edgar P. Rosenthal, Principal of H. S., Oconto Falls, Wis.
 Clarence James Rottman, M. S. University of Wisconsin; Yale University; Research Engineer; 522 Holmes St., East Pittsburgh, Penn.
 Adele Fredericka Schaar, Teacher, 271 S. Marr St., Fond du Lac, Wis.
 Jeanne Roy, Mrs. Glenn Whittet, Teacher; 1422 Dupont Ave., N., Minneapolis, Minn.
 Robert Albert Shafer, Dairying, Rosendale, Wis., R. D. No. 1.
 Helen Annette Smith, Mrs. Carl Markert, Braidwood, Ill.
 Ray Albert Sorenson, Teacher, Merrill, Wis.
 Alfred DeLoyd Sutherland, LL. B. Harvard Law School, Attorney at Law, Fond du Lac, Wis.
 †Harry Albert Swartz, 800 S. Alvarado St., Los Angeles, Cal.
 William H. Taylor, Pittsburg Plate Glass Co., Ford City, Pa.
 Mary Elvira Weeks, Chemist, New Jersey Zinc Co., Franklin, N. J.
 John E. Williams, 696 Farwell Ave., Milwaukee, Wis.

Class of 1914.

- Ray Morse Atcherson, Business, Tomahawk, Wis.
 Hazel Marie Atwood, Nurses' Training Course, University Hospital, Ann Arbor, Mich.; Missionary.
 Leila Etta Barber, Librarian and Teacher, 304 N. Spring St., Beaver Dam, Wis.
 Arthur Earl Beauchamp, Minneapolis, Minn.; Dental Student.
 Henrietta Belden, Ph. D., Columbia University, 1920.
 Ruth Hazel Brewer, University of Minnesota; Teacher; 227 W. Main St., Weiser, Idaho.
 Olive Marian Burnside, Mrs. A. L. Kuebler; 555 Van Buren St., Milwaukee, Wis.
 Donald Wayne Densmoor, Madras State Bank, Madras, Ore.
 Nathaniel B. Dexter, M. A., University of Wisconsin 1914-15, Farmer; Hayward, Wis., R. F. D.
 †Edward Gerber, Durand, Wis.
 Mary B. Gowell, Mrs. Donald Holt, Columbus, Wis.
 Eva Ina Holiday, Teacher, West Bend, Wis.

- Cora LaVerne Hoppough, Olivet College, Olivet, Mich.
Edgar Thomas Jones, Picketts, Wis.
Irma May Knight, Mrs. M. L. Aldridge, University of Chicago; Sioux City, Iowa.
*Shirley Faye Knight, Mrs. Albert Draeger; February, 1917.
Clarence Arthur Kopp, Rector St. Andrews Episcopal Church, 130 S. Third St., Livingston, Mont.
Elwyn Busian Krause, Assistant Professor Ripon College, Ripon, Wis.
Arthur John Martin, Mallinckrodt Chemical Works, 4567 Wichita Ave., St. Louis, Mo.
Fred C. Maynard, University of Wisconsin; Seedsman; Box 717 Rexburg, Idaho.
Ruby May Morgan, Mrs. W. H. Davies, North East, Maryland.
Ida Margaretha Pleuss, Mrs. Carl S. Cragoe, 5231 Wisconsin Ave., Washington, D. C.
Robert P. Preston, Minister; Purchasing Agent of Food Supplies. Fisk University, Nashville, Tenn.
Robert Elliott Preston, M. A., Ripon College 1916; Northwestern University, 1914-15; Teacher. Tennessee College, Murfreesboro, Tennessee.
Byron James Rock, Superintendent of Schools, Randolph, Wis.
Ruth Lillian Rottman, Mrs. C. E. Boyd, Teacher; 32 Charlotte St., Detroit, Michigan.
Frank Rueping, Fond du Lac, Wis.
Ray Edwin Searle, Business, Ripon, Wis.
†Edwin Jefferson Smith, Vermillion, S. D.
Carol Eloise Sweet, Teacher, Darlington, Wis.
Lester Frank Thomas, Teacher; 406 W. Elm St., Fairbury, Ill.
Ruth Evelyn Van Kirk, Missionary, Lintsing, Shantung, China.
Arthur Henry Wegel, 425 W. 2nd St., Los Angeles, Cal.
Lillian Anna Zobel, University of Wisconsin, 1914-15; Ripon College 1918-9; Chicago School of Civics and Philanthropy, 1919-20; Social Service; Association House, 2150 W. North Ave., Chicago, Ill.

Class of 1915.

- Ethel May Callahan, Teacher, Central High School, Minneapolis, Minn.
William Chase Carpenter, University of Wisconsin; Radio Engineer; 159 West 80th St., New York, N. Y.
William Robert Davies, University of Wisconsin, 1916-19, Principal Marshfield H. S.; 403 S. Cherry St., Marshfield, Wis.
Jessie De Both, Teacher, Green Bay, Wis.
Deloraine Keith Dunlap, Dental Student; 3210 Arthington St., Chicago, Ill.
Harry Falconer, Pardeeville, Wis.
Charles Robert Finnegan, Grand Ave. and Chippewa St., St. Louis, Mo.
Milton Herman Hostman, University of Wisconsin 1915-6, Consulting Engineer; 520 Wisconsin Ave., Oak Park, Ill.
Brooks Howard, Wabash, Ind.
Ida Sophie Johnson, County Superintendent of Schools, Phillips, Wis.
George John Krebs, Principal of H. S., Grafton, N. Dak.
†Henry Lewis, Minister.

Harry John McNicholas, Physicist, Bureau of Standards
1701 Park Rd. N. W., Washington, D. C.

Julian Yerkes Malone, M. S., University of Wisconsin; Wash-
ington University; Medical Student; 4923 Parkview Pl.,
St. Louis, Mo.

Clyde Spencer Morgan, Oakfield, Wis.

Bessie Murray, Teacher, Carson, Iowa.

Martha Jean Mutch, Mrs. H. M. Wick; Ironwood, Mich.

Frank Joseph Paluka, Council Bluffs, Iowa, High School.

Lorrain Peter, University of Wisconsin; Columbia Univer-
sity; Private Secretary; Boothton, Ala.

William Hall Preston, University of Wisconsin, George Pea-
body College, State Secretary of Tenn. Bapt. Young Peo-
ple; 205 Caswell St., Knoxville, Tenn.

*Chester Arthur Shortt.

Margaret Helen Smith, Teacher, Mineral Point, Wis.

Florence Blaine Williams, 169 Judicial St., Blackfoot, Idaho.

William August Zinzow, Teacher; Westinghouse Elec. and
Mfg. Co., Wilkinsburg, Pa.

Class of 1916.

Ray Beach, Teacher, 1317 Superior Ave., Tomah, Wis.

Otto A. Birr, Teacher, Shawano, Wis.

Alice Iola Bonnell, Teacher-Librarian, 921 Sixth St., Menom-
onie, Wis.

*Elsa Sophie Bratlie, Sept. 6. 1918.

†Fayette Mervil Coffeen, Business, Peebles, Wis.

†Paul D. Covey, Oshkosh, Wis.

Anthony Donlin, Walter Reed Hospital, Washington; Aviator,
Army.

Louis B. Farvour, Business, Ripon, Wis.

Herbert E. Fritschel, Chestnut St., Milwaukee, Wis.

Lynn G. Haskin, Superintendent of Schools, Bloomer, Wis.

Archie L. Hirst, University of Wisconsin 1919; Business; 47
N. Main St., Clintonville, Wisconsin.

Anton Iverson, Teacher, 923 So. 14th St., Sheboygan, Wis.

Elsa Johnston, Mrs. H. C. Melvin, Glenbeulah, Wis.

Orma V. Keuper, Teacher, Sheboygan, Wis.

†Lucile Kleiner, Eau Claire, Wis.

Hans C. Larsen, Teacher, Stoughton, Wis.

Mildred Little, Teacher, 301 N. Water St., Reedsburg, Wis.

Wilfred M. Lucas, Apt. 1, Minola Apt., 203 E. 19th St., Min-
neapolis, Minn.

Wayne A. Marchant, Farmer, Eldorado, Wis.

Marian E. Maynard, Teacher, Sheboygan, Wis.

Robert Crawford McClain, Farmer, R. 3, Oakfield, Wis.

*Jens Nelson.

Clare O'Donnell, Ordnance Dept., Muscle Shoals, Ala.

William E. Orvis, Western Electric Co., 251 W. 93rd St., New
York, N. Y.

Richard William Owen, Minister, Box 508, Fair Haven, Vt.

Doris Helen Potter, Teacher, 803 4th Ave. S. E., Minot, N.
Dak.

Erwin F. Reichmuth, Harvard University 1916-17; Life In-
surance; 646 S. Grove St., Ripon, Wis.

†Edward S. Roberts, Minister, Barneveld, Wis.

†John R. Roberts, Princeton, N. J., Theological Seminary.

- Carl P. Russell, M. A., University of Michigan; University of Paris; Fur Dealer; 1010 Post St., San Francisco, Cal.
Vernon F. Selden, Salesman, Samson Tractor Co., 118 Grace St., Flint, Mich.
Marian Shaw, Library School, New York City; Librarian, Forest Library, Yale University, New Haven, Conn.
Morrison Sims, Superintendent of Schools, Marietta, Minn.
Cora Davis Smith, M. A.; Teacher; 130 Lakin Terrace, Rockford, Ill.
Charlotte Walls, Director of Physical Education; Manor House, Rochelle Park, New Rochelle, N. Y.
Delmar Wensink, Sec.-Treas. of A. B. & B. Specialty Co., Fond du Lac Ave., Milwaukee, Wisconsin.
Marvin John Williams, Metallurgist; Westinghouse Elec. and Mfg. Co.; Highway Engineer, Marquette, Mich.

Class of 1917 *

- Erna Louise Bagemihl, Teacher, Ripon, Wis.
John F. Blair, Ph. B.; Medical Student; 630 Wentworth Ave., Milwaukee, Wis.
Rufus Norman Boardman, M. A., Ph. D., University of Chicago; Professor West Virginia Wesleyan University, Buckhannon, W. Va.
Attabelle Jane Boote, Teacher, Eau Claire, Wis.
Herman H. Brien, Milwaukee, Wis.
Stafford Delos Byrum, Chemist, 371 Prospect Ave., Milwaukee, Wis.
Frances Ceyak, Teacher, Fargo, N. Dak.
James Fremont Corbett, Cereal Chemist; Y. M. C. A., Minneapolis, Minn.
Clay Crouse, Teacher, Wisconsin Rapids, Wis.
Austin Lee Ely, Chemical Engineer; 686 Rankin St., Appleton, Wis.
John George Frayne, 75 Monroe Place, Bloomfield, N. J.
Emma J. Garber, 626 So. Webster Ave., Green Bay, Wis.
Florence Ruth Graham, Mrs. B. J. Rock; Randolph, Wis.
Alma Margaret Haug, Teacher, Wauwatosa H. S.; 855 40th St., Milwaukee, Wis.
Florence M. Helmich, M. A., University of Wisconsin 1917-8; Teacher; 322 Church St., Sturgeon Bay, Wisconsin.
†William R. Jones, Ph. B.; Randolph, Wis.
Mabel Edith Kramer, Teacher, Goodman, Wis.
Alfred Kuebler, Salesman, Federal Rubber Co., 555 Van Buren St., Milwaukee, Wis.
Claude Robert Mason, Traffic Dept., Chicago Telephone Co., 5338 Indiana Ave., Chicago, Ill.
D. Maldwin Morgan, Ph. B.; Bacteriologist, National Canner's Association, Mound City, Ill.
Edna L. Morse, Teacher, Kendall, Wis.
J. A. Oakby, Eau Claire, Wis.
Shirley Rottman, Mrs. Marvin J. Williams, Educational Director 1917-18; Marquette, Mich.
Maude M. Russell, Ripon, Wis.
Edith Pritchard, Mrs. J. A. Oakby, Ph. B.; Eau Claire, Wis.
William Charles Sainsbury, Clergyman; 211 North Chestnut Ave., Green Bay, Wis.

* Since 1917 the College has granted the degree of Bachelor of Philosophy. That degree, when granted, is indicated.

Florence M. Shaw, University of Wisconsin; Teacher; Sheboygan Falls, Wis.
 Lee Shepard, Asst. Mgr. Pioneer Box Co., Crawfordsville, Ind.
 Ruth V. Tasche, Teacher; 1722 N. 6th St., Sheboygan, Wis.
 Aimee Jeanette Vandervelde, Teacher, Edgerton, Wisconsin.
 Eva Florence Weller, Teacher, St. Croix Falls, Wis.
 William T. Wendt, Business; 143 4th St., Milwaukee, Wis.
 John J. Williams, Glove Manufacturer, Berlin, Wis.
 Earl Wyman, Bond Dep't. Oshkosh Savings Trust Co., 239 Algoma St., Oshkosh, Wis.

Class of 1918.

*Emma Bjornstad, Dec. 17, 1918.
 Alfred William Bollenbeck, Engineer; 833 Association Bldg., Detroit, Mich.
 Lydia Brickbauer, M. A., University of Wisconsin 1919; Denver, Colo.
 Harry G. Brown, Principal H. S., Sun Prairie, Wis.
 Byrl Arthur Bryan, Ripon Produce Company, Ripon, Wis.
 Ethel Lillian Bryan, Teacher, Antigo, Wis.
 Maud E. Carter, University of Wisconsin 1919-20; Teacher; De Pere, Wis.
 Antoinette Ceyak, Teacher, H. S., Rochester, Minn.
 John E. Davies, Teacher, Sharon, N. Dak.
 Charles H. Doman, Oshkosh, Wis.
 Alden Ellis, Army Officer, Ordnance Department, U. S. A.; 180 Colony Crescent, Akron, Ohio.
 Harry E. Farnsworth, Dept. of Physics, University of Wisconsin; 621 Jefferson St., Madison, Wis.
 Max J. Fox, Medical Student, Marquette University; 588 6th St., Milwaukee, Wisconsin.
 Gladys L. Groesbeck, 507 Watson St., Ripon, Wis.
 Harold F. Hansen, University of Wisconsin, Teacher; Y. M. C. A., Bloomington, Ill.
 Margaret M. Hill, Mrs. Wm. Orvis; 565 W. 192nd St., New York, N. Y.
 Franc M. Holiday, Ph. B.; Teacher; Fort Atkinson, Wis.
 Benjamin Hudtloff, Mining, Special Student M. S. S. M.; 114 S. Jackson St., Butte, Mont.
 William Iverson, Southern Counties Gas Co.; 520 W. 5th St., Santa Ana, Cal.
 Anna Johnson, Phillips, Wis.
 Lesley Hazel Jones, Teacher; Mrs. Louis W. Barnes, Tomah, Wis.
 Pearly D. Joseph, Ph. B.; Science Teacher, Watertown, Wis.
 John Calvin Loos, Chemist, Steel and Tube Co. of America; Mayville, Wis.
 Linda Helen Manz, Teacher, Wabeno, Wis.
 Mathilda Mathisen, Teacher, Monroe, Wash.
 Jason Earl Maunders, Physics Dept., North Dakota Agricultural College; 1215 11th Ave., N., Fargo, N. D.
 Jean Evelyn May, Teacher, West Division H. S., Green Bay, Wis.
 Florence Miller, Teacher, Coal City, Ill.
 Theron Douglas Morson, Ph. B.; Plaza Hotel, Chicago, Ill.
 Frederick A. Nothnagel, University of Wisconsin, Madison, Wis.
 Ellen May O'Neil, Teacher, Oakfield, Wis.

Benjamin Lawrence Page, Bureau of Standards; 1954 Biltmore St., Washington, D. C.
Lillian E. Schwefel, University of Chicago, 1919, Teacher; 716 5th Ave., Eau Claire, Wis.
Victor Jesse Searle, Student Harvard University; Ripon, Wis.
Arshag Seuerian, Student University of Illinois, College of Medicine; Congress and Monroe, Chicago, Ill.
Edith Silver, Teacher, Ripon, Wis.
Dorothy Delight Stewart, Mrs. William Iverson; 520 W. 5th St., Santa Ana, Cal.

Alvira S. Thomas, Mrs. R. E. Runzheimer, Oakfield, Wis.

††Bernard Thompson.

Edward Toll, 316 Blackburn St., Ripon, Wis.
Bernard Williams, care of Y. M. C. A., Detroit, Mich.
Frances Gage Wilson, Columbus, Wis.
Frances Zemlika, Teacher, Iron Mountain, Mich.
Edward Eastman Zerler, Business, Plymouth, Wis.
Julius Zobel, Salesman, Ripon, Wis.

Class of 1919.

Emma Kate Armstrong, Teacher, Antigo, Wis.
Gladys D. Austin, Teacher, Centerville, S. Dak.
Newton Boggs, Teacher, Hurley, Wis.
Lydia A. Breckenfeld, Teacher, 936 Superior St., Antigo, Wis.
Loraine Ruth Brenner, Teacher, 78 Forest Ave., Fond du Lac, Wis.
Dorothy Mildred Bryan, Teacher, Bloomer, Wis.
Jessie Agnes Callahan, Teacher, 616 E. 7th St., Alton, Ill.
William Christenson, Monticello, Wis.
Gertrude Genevieve Duel, Teacher, High School, Janesville, Wis.
Florence DuVall, Mrs. Fred Miller, Markesan, Wis.
Clarence Egdahl, Ph. B., Research Engineer, University of Akron, Akron, Ohio.
A. Oscar Fink, Teacher, Menasha, Wis.
Marjorie Heffernon, Teacher, 400 S. Cherry St., Marshfield, Wis.
Josephine King, Teacher, Omro, Wis.
Alice M. Kingsbury, Mrs. George C. Story, Ripon, Wis.
Ethel C. Lehman, Teacher, Lancaster, Wis.
Bernice E. Lyon, Teacher, Sherrard, Ill.
Hannah Marsh, Teacher, Walworth, Wis.
Clarence E. Meyer, Teacher, 619 14th St., Oshkosh, Wis.
Emma Nothnagel, Teacher, Halfa, Iowa.
Leone Oyster, University of Wisconsin; Professor, Cedar Valley College, Osage, Iowa.
Robert Hugh Owen, Minister, 200 Hodge Hall, Princeton, N. J.
Margaret Elsa Roeske, Teacher, Lancaster, Wis.
Dorothy Rummele, Teacher, Niles, Mich.
Rufus E. Runzheimer, Prin. H. S., Oakfield, Wis.
Lola Dorothea Schultz, Teacher, Washburn, Wis.
Marvin L. Schmidt, Teacher; Business; Pillsbury Flour Co., Menominee, Mich.
Hortense Seaman, Teacher, Ripon, Wis.
Inga Amanda Severson, Teacher, Prairie du Chien, Wis.
Raymond C. Shaw, 1515 W. Monroe St., Y. M. C. A., Chicago, Ill.
William Russell Stemen, Ohio State University, 20 14th Ave., Columbus, Ohio.

- Roger A. Sutherland, Student Harvard University, 52 Irving St., Cambridge, Mass.
Kathrene Knapp Taintor, Teacher; Mrs. Harold B. Haun, Ripon, Wis.
Lenora Treanore, Teacher, St. Mary's College, Prairie du Chien, Wis.
Henrietta Marie Marguerite Treille, French Asst. University of Wisconsin; 313 N. Mills St., The French House, Madison, Wis.
Edwin W. Webster, University of Chicago, Teacher of History, Jefferson, Wis.

Class of 1920.

- Clarence Abendroth, Ph. B.; Business; 315 E. Grand Ave., Beloit, Wis.
Lucille Selma Anderson, Instructor in Chemistry, Ripon College, Ripon, Wis.
Laura Irene Backey, Teacher of English, Almond, Wis.
Henry Backhaus, Ph. B.; Teacher, Lesterville, S. Dak.
Helen Balzer, Teacher, Sheboygan, Wis.
Florian Joe Bannach, Ph. B.; Business; Federal Malleable Iron Works, Milwaukee, Wis.
Augustine Canac, Teacher of French, Norfolk, Va.
George Herbert Conant, Science Teacher, Shawano, Wis.
Leo Y. Conney, Graduate Study, University of Wisconsin.
Charles DeGreef, Ph. B.; Teaching, Strandburg, S. Dak.
Helen Fehlandt, Teaching, Sparta, Wis.
Margaret L. Gibbs, Teaching, Antigo, Wis.
Griffith Ervil Edwards, Business, Mt. Vernon, Ill.
Margaret Griffiths, Teaching, Berlin, Wis.
La Verne Krause, Science Teacher, Randolph, Wis.
Alfred J. Kornder, Ph. B.; Business; N. W. Mut. Life Ins. Co., Oshkosh, Wis.
Cornelia Lamb, Teacher, Shullsburg, Wis.
Archibald H. Luedke, Teaching and Director of Athletics, Beaver Dam, Wis.
Percy Lunde, Teaching and Director of Athletics, Ripon High School.
Cora Esther Lyon, Brandon, Wis.
Margaret Maxwell, Teacher, French, Mellen, Wis.
Mildred Morse McConnell, Teacher, Latin, Tomah, Wis.
Maude McDonald, Teacher, Berlin, Wis.
Neil Morgan, Oakfield, Wis.
Edward Morse, Teacher, Bloomer, Wis.
Olivia Morse, Teacher, Mellen, Wis.
Frances Marie Oeder, Teacher, English, Omro, Wis.
Ann Plummer, Teacher, La Crosse, Wis.
Carl Reichmuth, Business, Ripon, Wis.
Moses Roberts, Teaching at Endeavor Academy, Endeavor, Wis.
Ben Rossin, Graduate Study, University of Wisconsin.
Meta Schmudlach, Graduate Study, University of Chicago.
Wilbur Shortt, Teacher, Oconto Falls, Wis.
Joseph Stadler, Chicago, Ill., 1219 Winnemac Ave.
Clayton Tinkham, Teacher, Marshfield, Wis.
Leonard August Waehler, Graduate Student, University of Wisconsin.
Catherine Elaine Whitfield, Librarian, Detroit, Mich., 161 Pingree Ave.
Robert Williams, care of National Cash Register Co., Detroit, Mich.

Alumni Index

- Abbott, Mrs. R. E. (See Hunter), 1873.
Abel, Margaret Agnes (Mrs. Furch), 1903.
Abendroth, Clarence, 1920.
*Ackerman, Evelina (Mrs. Armstrong), 1881.
Adams, Constance Alice (Mrs. W. F. Meyer), 1882.
*Adams, Louie Pomeroy, 1882.
Adams, Luthera Harriet, 1867.
*Akin, Henry Seely, 1873.
Aldridge, Mrs. Merton L. (See Knight), 1914.
Allen John Wheelock, 1872.
Anders, Frank La Fayette, 1906.
Anders, Mrs. F. L. (See Hargrave), 1906.
Anderson, Howard W., 1910.
Anderson, Lucile, 1920.
Armstrong, Emma Kate, 1919.
Armstrong, Thomas, Jr., 1879.
*Armstrong, Mrs. Thomas (See Ackerman), 1881.
*Arnold, Mrs. R. W. (See Mapes), 1870.
Arpin, Mrs. H. A. (See Thompson), 1911.
Atcherson, Ray Morse, 1914.
Atwood, Hazel Marie, 1914.
Atwood, Carroll, 1875.
Atwood, Charles B., 1912.
*Atwood, Irenaeus J., 1878.
Austin, Gladys, 1919.
Ayer, Arlouine (Mrs. Robert Hall), 1901.
Backey, L. Irene, 1920.
Backhaus, Henry, 1920.
Bacon, Bertha Hobart (Mrs. Chas. T. Green), 1889.
Bagemihl, Erna Louise, 1917.
Balzer, Helen, 1920.
Bannach, Florian Joseph, 1920.
Barber, Leila Etta, 1914.
Barber, Warren Howard, 1903.
Barlow, Bessie I. (Mrs. William B. Murray), 1907.
Barnes, Bessie B. (Mrs. Leigh Caldwell), 1908.
Barnes, Mrs. Louise W. (See Jones), 1918.
Barry, Arthur C., 1912.
Bast, Carl, 1911.
Bast, Theodore H., 1912.
Bate, William G., 1910, M. A., 1915.
Bathrick, Daniel DeLoss, 1870.
Batson, Rosina Emma (Mrs. W. I. Price), 1875.
Batty, Arthur Joseph, 1903.
Batty, Foster John, 1902.
Batty, James Edward, 1901.
Beach, Ray, 1916.
Beattie, George Wilson, 1901.
Beauchamp, Arthur Earl, 1914.
Beebe, Joanna Belle, 1902.
Belden, Henrietta, 1914.
Bethel, Horace Orlando, 1893.
Bethel, Mrs. H. O. (See Kelly), 1897.
Birr, Otto A., 1916.
*Bjornstad, Emma I., 1918.
Blair, John F., 1917.
*Blair, Emma Helen, 1874.

- Blakely, Mrs. J. B. (See Campbell), 1874.
Blakely, Josiah Blackburn, 1870.
*Blanchard, James Armstrong, 1871.
Bletsoe, Myrtle Marie, 1911.
Bloom, Anna E. (Mrs. Wilbur Sparks), 1904.
Bloom, Clara Anabel, 1904.
Boardman, Rufus Norman, 1917.
*Bobb, Mrs. Thomas (See Dexter), 1907.
Boese, Mrs. F. E. (See Lobb), 1907.
Boggs, Newton, 1919.
Bollenbeck, Alfred William, 1918.
Boller, Frederick C., 1901.
Bonnell, Alice Iola, 1916.
Booker, Margaret (Mrs. W. R. Dawes), 1884.
Boote, Attabelle Jane, 1917.
Bottum, Helen Burnham, 1898.
Bottum, Joseph H., 1877.
Boyd, Mrs. Chas. (See Rottmann), 1914.
Bow, Orrin Wright, Jr., 1886.
*Bradish, James Harvey, 1871.
Bradish, Mrs. J. H. (See Powers), 1871.
*Bratlie, Elsa Sophie, 1916.
Breckenfeld, Lydia, 1919.
Brenneman, Mrs. J. (See Cate), 1903.
Brenner, Loraine Ruth, 1919.
Brewer, Ruth Hazel, 1914.
Brickbauer, Lydia, 1918.
Brien, Herman H., 1917.
Brigham, Frederick Merrell, 1886.
Brinton, Mrs. Thomas (See Larkin), 1912.
Brister, Emma Louise, 1910.
*Bristoll, Mrs. Wm. M. (See Olds), 1870.
Broker, Albert E., 1909.
*Brooks, Horatio Aldrich, 1873.
Brown, Benjamin Harrison, 1894.
Brown, Mrs. B. H. (See Merrell), 1886.
*Brown, Harriet Hemans, 1867.
Brown, Harry G., 1918.
Bruins, Dirk, 1903.
Brush, James Monroe, 1872.
Bryan, Byrl Arthur, 1918.
Bryan, Dorothy Mildred, 1919.
Bryan, Ethel Lillian, 1918.
Buck, Blanche Julia, 1898.
Buckland, Ralph Hale, M. D., 1899.
Bumby, Horace A., 1911.
Bumby, May T. (Mrs. H. A. Severy), 1908.
Burg, Allen C., 1910.
Burman, Mrs. Frederick (See McDermid), 1896.
Burnside, Olive Marian, 1914.
Butler, Walter G., 1910.
Bussewitz, Max Alfred, 1899.
Byrum, Stafford Delos, 1917.
Cabeen, James Wallace, 1888.
*Cabeen, Mrs. J. W. (See Hamilton), 1888.
*Cabeen, Mrs. J. W. (See Hamilton), 1893.
Caldwell, Mrs. L. W. (See Barnes), 1908.
Callahan, Ethel May, 1915.

- Callahan, Jessie Agnes, 1919.
*Campbell, Charles Danforth, 1890.
*Campbell, Claude Clement, 1882.
Campbell, Isabelle Valucia (Mrs. J. B. Blakely), 1874.
Canac, Augustine, 1920.
Carpenter, William Chase, 1915.
Carter, Maud E., 1918.
Cate, Jolana Belle (Mrs. J. Brenneman), 1903.
Ceyak, Antoinette, 1918.
Ceyak, Frances, 1917.
Chandler, Edith B., 1904.
Chandler, Elwyn Francis, M. A., 1894.
*Chittenden, Albert Jerome, 1868.
Chittenden, Caroline Dency (Mrs. J. M. Turney), 1869.
*Chittenden, Ezra Porter, 1874.
Chittenden, Jennie Ethel, 1910.
Choate, Bert Llewellyn, 1913.
Christensen, William, 1919.
Church, Mrs. H. M. (See Nohr), 1913.
Churchill, Harold Giles, 1901.
Clark, Ada (Mrs. E. H. Merrell), 1877.
*Clark, Harry David, 1898.
Clark, Lotta Elizabeth, 1901.
*Clarke, Mrs. H. A. (See Mutch), 1910.
*Clawson, Flora L. (Mrs. Robert Williams), 1904.
Cleaver, Emma Osborn, M. D. (Mrs. F. Parrott), 1883.
Coffeen, Fayette Mervil, 1916.
Collins, Grace Margaret (Mrs. John Pyper), 1901.
Collins, Isabella Webster (Mrs. F. E. Morley), 1899.
*Combs, Sarah Frances (Mrs. S. H. Greer), 1873.
Conant, George Herbert, 1920.
Congdon, Russell Thompson, 1903.
Conney, Leon Yonnker, 1920.
Cook, Arthur Floyd, 1910.
Cook, Emily Smith, 1868.
*Cook, Wells Woodbridge, 1879.
Cooke, Henry Seward, 1882.
Cope, Henry F., 1908.
Corbett, J. Fremont, 1917.
Corey, Mrs. S. (See Sanford), 1909.
Cotton, William J., 1910.
Cotton, Mrs. W. J. (See Ronne), 1910.
Covey, Paul D., 1916.
Crabtree, Fremont Rodger, 1886.
Cragg, Maude Elizabeth, 1912.
Cragin, Isabella Sophronia, 1869.
Cragoe, Carl Susan, 1913.
Cragoe, Mrs. Carl (See Pleuss), 1914.
Cragoe, Claude Henry, 1912.
Cragoe, Edward J., 1910.
Cragoe, Mrs. Edward (See Dopp), 1912.
Cross, Rowland Stevenson, 1873.
Crouse, Clay, 1917.
Crowell, Mrs. Geo. (See Hargrave), 1908.
Crowther, Lillian E., 1907.
Cunningham, Laura (Mrs. Guy Runals), 1911.
Daniels, Caroline Wells, 1882.
Davidson, James Alexander, 1901.

- *Davies, David, 1877.
Davies, David Robert, 1895.
Davies, Harriet, M. D., 1901.
Davies, John E., 1918.
Davies, Howell D., 1904.
*Davies, Joseph G., 1871.
Davies, Luther, 1888.
Davies, Mrs. Luther (See Morgan), 1886.
Davies, William Henry, 1913.
Davies, Mrs. W. H. (See Morgan), 1914.
Davies, Will Robert, 1915.
Davis, Eva Floy (Mrs. V. A. Suydam), 1904.
Davis, John N., 1909.
Davis, Ira C., 1910.
Davis, Royal Edward, 1911.
Davis, William Reese, 1901.
Davis, Mrs. W. R. (See Merrell), 1901.
Davison, Pearl (Mrs. G. C. Davison), 1909.
Dawes, Frederick Ames, 1878.
Dawes, William R., 1884.
Dawes, Mrs. W. R. (See Booker), 1884.
Dawley, Erwin C., 1904.
*De Both, Edw. R., 1909.
De Both, Jessie, 1915.
Decker, Mrs. (See Morse), 1903.
De Greef, Charles, 1920.
Denison, Carrie White (Mrs. Victor E. Palmer), 1896.
Denning, Mrs. Ira P. (See Osgood), 1911.
Densmoor, Donald, 1914.
Dexter, Emily S., 1908.
Dexter, Frank Norman, 1906.
Dexter, John S., 1908.
*Dexter, Martha (Mrs. Thomas M. Bobb), 1907.
Dexter, Nathaniel Beach, 1914.
Dick, Mrs. Richard George (See Eggleston), 1905.
Dickinson, Julia Moore (Mrs. Irwin A. Pearsall), 1894.
Dobbs, Mary Lampson, 1885.
Dockery, Mildred Irene (Mrs. E. C. Johnson), 1912.
Doman, Charles H., 1918.
Donlin, Anthony, 1916.
Dopp, Genevieve. Marian (Mrs. Ed. Cragoe), 1912.
*Draeger, Mrs. Albert (See Knight), 1914.
Draeger, Christine Elizabeth, 1912.
Duel, Gertrude Genevieve, 1919.
Duel, Henry W., 1910.
Duffie, Allen Harwood, 1903.
Duffie, George Carleton, 1868.
Duffie, George Lauren, 1912.
Dunbar, Charles Hamilton, 1892.
Dunbar, Mary Blanche (Mrs. Geo. H. Nordvi), 1891.
Dunlap, James E., 1910.
Dunlap, Deloraine Keith, 1915.
*Durand, Eunice Elizabeth (Mrs. E. C. Lyman), 1870.
Du Vall, Florence (Mrs. Fred Miller), 1919.
Dysart, Carrie Lee, 1898.
Dysart, Lulu May, 1899.
Ecke, Mrs. O. E. (See Evans), 1896.
Edwards, Griffith Ervil, 1920.

- *Edwards, Hugh Jones, M. D., 1901.
Edwards, Mrs. J. R. (See Wills), 1907.
Edwards, Morgan, 1910.
Egdahl, Clarence O., 1919.
Eggleston, Florence I. (Mrs. Richard George Dick), 1905.
Eggleston, Nellie Blanche (Mrs. W. E. Haskell), 1891.
Elliot, John Walter, 1910.
Ellis, Alden, 1918.
Elwell, Ida (Mrs. E. S. Tilson), 1873.
Elwood, Willis Penfield, 1888.
Ely, Austin Lee, 1917.
Englebracht, Mrs. Chas. (See Higgins), 1910.
Esbensen, Sigrid, 1912.
Evans, David Edward, 1877.
Evans, Edith Mabel (Mrs. O. E. Ecke), 1896.
Evans, Edward, 1874.
*Evans, John Thomas, 1871.
Evans, Rowland, 1913.
Evans, Silas, D. D., LL. D., 1898.
*Everdell, Lyman Beecher, 1868.
Everhard, Eleanora Sophronia, M. D., 1890.
Eversz, Moritz Ernest, D. D., 1871.
Falconer, Harry, 1915.
Farnsworth, Harry, 1918.
Farvour, Louis B., 1916.
Fehlandt, Helen B., 1920.
Fink, A. Oscar, 1919.
Fink, Mrs. C. E. (See Fordice), 1908.
Finnegan, Charles Casey, 1913.
Finnegan, Charles Robert, 1915.
Finnegan, William Lee, 1912.
Finsterbach, Mrs. F. (See Smith), 1870.
*Fisher, Frank Isaiah, 1872.
Flagg, Alice Kneeland (Mrs. W. C. Hitchcock), 1898.
Flood, Mrs. Robert (See Foote), 1912.
Foat, John Samuel, M. D., 1899.
Foote, Francis Mary (Mrs. Robt. Flood), 1912.
Foote, Lois E. (Mrs. C. M. Perkins), 1907.
Fordice, Francis (Mrs. C. E. Fink), 1908.
Forsberg, Ole, 1910.
Foulkes, William, D. D., 1873.
*Foulkes, Mrs. William (See Johnson), 1873.
Fox, Max Jake, 1918.
Frank, Donald E., 1900.
Fraser, Mrs. Bird Hitchcock (See Hitchcock), 1908.
Frayne, John George, 1917.
French, Lloyd C., 1910.
Freidrich, George W., 1909.
Fritschel, Herbert E., 1916.
Frost, Mabel (Mrs. Frank Haigh), 1909.
Fruth, Edward Daniell, 1912.
Furch, Mrs. (See Abel), 1903.
Garber, Emma J., 1917.
Gibbs, Mrs. J. L. (See Sargent), 1875.
Gibbs, Margaret Lydia, 1920.
Gibson, Bernice, 1909.
Gibson, Blanche M., 1908 (Mrs. A. L. Hirst).
Gibson, Robert N., 1911.

- Gifford, Burtus S., 1906.
Glaubitz, B. J., 1911.
Gooding, Mrs. F. E. (See Phelps), 1889.
Goodrich, Grace Gertrude, 1906.
Goodrich, Helen H., 1911.
Goodrich, Lowell Pierce, 1913.
Goodrich, Mrs. Lowell Pierce (See Jones), 1913.
Gower, Ruth F., 1911.
Gowell, Mary B. (Mrs. Donald Holt), 1914.
Graf, Louis Encking, 1913.
Graham, Florence Ruth (Mrs. Byron J. Rock), 1917.
Grant, Eleanor May, 1913.
Green, Mrs. Charles T. (See Bason), 1889.
*Greer, Mrs. S. H. (See Combs), 1873.
Griffith, Albert Henry, 1898.
Griffith, Robert William, 1903.
Griffiths, Ellen May, 1909 (Mrs. E. L. Shaver).
Griffith, Hugh William, 1898.
Griffith, Hugh Cadwalder, 1896.
Griffiths, Margaret S., 1920.
Groesbeck, Gladys L., 1918.
Guetzloe, Harvey William, 1912.
Hadley, Mrs. S. A. (See Jackson), 1898.
Haigh, Frank L., Ph. D., 1908.
Haigh, Mrs. Frank L. (See Frost), 1909.
Hall, Edwin Charles, 1896.
Hall, Jennie, 1901.
Hall, Mary Powell, 1901.
Hall, Robert Sydney, 1901.
Hall, Mrs. R. S. (See Ayer), 1901.
Hall, Ruth (Mrs.), 1904.
*Halphide, Mark Thomas, 1885.
*Hamilton, Margaret Bochart (Mrs. J. W. Cabeen), 1893.
*Hamilton, Anna Moncrief (Mrs. J. W. Cabeen), 1888.
Hansen, Harold F., 1918.
Hanske, Carl Fred, 1913.
Hanson, Oscar Emery, 1873.
Hargrave, Alexander Walter, 1899.
Hargrave, Christina R. (Mrs. George Crowell), 1908.
Hargrave, John Williams, 1875.
Hargrave, Josephine Ruth, 1906.
Hargrave, Mary Bertha (Mrs. F. L. Anders), 1906.
Hargrave, William Ernest, 1898.
Harris, Mrs. G. L. (See Stickle), 1892.
Haskin, Lynn G., 1916.
Haskell, Mrs. W. E. (See Eggleston), 1891.
Harris, Mary Emily, 1875.
Hassett, Emmitt A., 1911.
*Hatch, George Washington, 1880.
Haug, Alma Margaret, 1917.
Haun, Mrs. H. B. (See Taintor), 1919.
Hayden, Arthur Gunderson, 1902.
Headley, Charles Wesley, 1877.
*Headley, Mrs. C. W. (See Sherman), 1878.
Heberlein, Frederic W., 1895.
Heffernon, Marjorie, 1919.
Helmich, Florence M., 1917.
Hemingway, Ernest Eugene, M. D., 1898.

- Hemp, Bernard F., 1907.
Hendrickson, Pearl Selma (Mrs. E. C. Hall), 1899.
Higgins, Abby N. (Mrs. Chas. Englebracht), 1910.
Hill, Anne H. (Mrs. Joseph Henry), 1907.
Hill, Margaret M. (Mrs. Wm. Orris), 1918.
Hill, May B. (Mrs. D. E. Frank), 1905.
Hill, Thomas J., 1910.
Hillman, Silas Henry, 1875.
*Hillman, William Francis, 1874.
Hirst, Archie L., 1916.
Hirst, Mrs. A. L. (See Gibson), 1908.
Hitchcock, Bird G. (Mrs. A. E. Fraser), 1908.
Hitchcock, Mrs. W. C. (See Flagg), 1898.
Hitchcock, Wallace Chester, 1898.
*Hobart, Almira Isabella, 1874.
Hockenhull, Flora Edith (Mrs. Philip Leahy), 1888.
Hodge, Mary Eva (Mrs. Wm. LeRoy), 1878.
Hodge, Clifton Fremont, 1882.
*Hodge, Willard Addison, 1879.
Hodge, Willard Wellington, 1909.
Holbrook, Charles W., 1905.
*Holbrook, Mrs. C. W. (See Utter), 1905. --
Holbrook, David Helm, 1901.
Holiday, Eva Ina, 1914.
Holiday, Franc M., 1918.
Holiday, Mae Augusta, 1913.
Holt, Mrs. Donald (See Gowell), 1914. 4
Holt, Frances Ethelyn, 1910.
Holt, William Sylvester, D. D., 1870.
Holthoff, Mabel (Mrs. Jas. A. Russell), 1911.
Holvenstot, Ralph A., 1910.
Hopkins, Lucius Daniel, 1882.
Hoppough, Cora LaVerne, 1914.
Hostman, Milton Herman, 1915.
Howard, Brooks, 1915.
Howard, Harold T., 1916.
Hudtloff, Benjamin, 1918.
Hughes, Helen, 1909.
Hughes, John Wallace, 1916.
Humphrey, Howell, 1911.
Humphrey, Robert, 1911.
Hunter, Marietta (Mrs. R. E. Abbott), 1873.
Imrie, James E., 1911.
*Imrie, Roy V., 1910.
*Ingalls, John Gallivan, 1876.
Iverson, Anton O., 1916.
Iverson, William, 1918.
Iverson, Mrs. Wm. (See Stewart), 1918.
Jackson, Jessie DeEtte (Mrs. S. A. Hadley), 1898.
Jackson, Leila DeEtte, 1895.
Jeffries, Susan Alice, 1877.
Johns, Hayden A., 1911.
*Johns, Latimer, 1911.
Johnson, Anna, 1918.
Johnson, Mrs. E. C. (See Dockery), 1912.
*Johnson, Harriet Almira (Mrs. Wm. Foulkes), 1873.
Johnston, Elsa (Mrs. H. C. Melvin), 1916.
Johnson, Ida Sophia, 1915.

- Johnston, John Cleland, 1885.
Jones, Angeline Persia (Mrs. Thomas Scott), 1913.
Jones, Daniel R., 1895.
Jones, David B., 1904.
Jones, Ebenezer Edwin, 1899.
Jones, Edgar Thomas, 1914.
Jones, Jane Blowden (Mrs. Lowell Goodrich), 1913.
Jones, John Daniel, 1902.
Jones, John E., 1910.
Jones, John Roberts, 1882.
Jones, John R., 1910.
Jones, Irmagard (Mrs. Austin Morrison), 1911.
Jones, Lesley Hazel (Mrs. Louis W. Barnes), 1919.
Jones, Llewellyn, 1912.
Jones, Mary Ellen (Mrs. R. G. Jones), 1898.
Jones, Robert Henry, 1898.
Jones, Mrs. R. G. (See Jones), 1898.
Jones, Thomas John, 1888.
Jones, Thomas Richard. M. D., 1882.
Jones, William R., 1917.
Jopp, Mentor Valerius Karl, 1899.
Joseph, Pearly D., 1918.
Josyln, Colin Clinton, 1883.
*Judd, Wilton Brewster, 1891.
Jussen, Paula. 1909.
Kaiser, Wm. L., 1908.
Kellogg, Aimee Laura (Mrs. B. Vandervelde). 1906.
Kelly, Alizina Meroa (Mrs. H. O. Bethel), 1897.
Kennan, Chester Tullar, 1882.
Kennan, Kossuth Kent, 1875.
Keuper, Orma V., 1916.
Kidder, Samuel T., 1910.
King, Josephine, 1919.
King, Earl L., 1908.
Kingsbury, Alice M. (Mrs. G. Carleton Story), 1919.
Kingsbury, George L., 1910.
Kirchgeorge, Mrs. Corinna, 1912.
Kleiner, Lucile, 1916.
Knight, Irma Faye (Mrs. Merton L. Aldridge), 1914.
*Knight, Shirley Faye (Mrs. Albert Draeger), 1914.
Knop, Dena L., 1909.
Kopp, Clarence Arthur, 1914.
Kornder, Louis, 1913.
Kornder, Alfred John, 1920.
Kramer, Mabel Edith, 1917.
Krause, Ellis, 1912.
Krause, Elwyn Busina. 1914.
Krause, LaVerna I., 1920.
Kreutzer, Mrs. Geo. (See Nohl), 1887.
Krebs, George John. 1915.
Kuebler, Alfred, 1917.
Kutchin, Mrs. S. (See Lehmann), 1902.
Kutchin, Victor Sherwood, 1903.
Lamb, Cornelia A., 1920.
Lamb, Jeanette H., 1909.
Lamb, William Ash, 1904.
Larkin, Anna L. (Mrs. Thomas Brinton), 1912.
Larsen, Hans C., 1916.

- Larson, H. E., 1911.
Leahy, Philip, 1898.
Leahy, Mrs. P. (See Hockenhull), 1888.
LeClaire, Belle, 1913.
Lehman, Ethel C., 1919.
Lehmann, Harriet Evelyn (Mrs. Sherwood Kutchin), 1902.
Lehmann, Julia Elizabeth, 1899.
Leonard Arthur Eastman, D. D., 1891.
LeRoy, Mrs. William L. (See Hodge), 1878.
Leutscher, Mrs. Emmons (See Zobel), 1910.
Lewis, George H., 1911.
Lewis, Grace Gifford (Mrs. E. R. Oliver), 1878.
Lewis, Henry, 1915.
Lewis, William Martin, 1877.
Lichtenberg, Oscar, 1909.
Liebmann, Charlotte Beatrix, 1913.
Linderman, Avis, 1917.
Little, Mildred, 1916.
Lobb, Albert J., 1905.
Lobb, Ida B. (Mrs. F. E. Boese), 1907.
Loos, John Calvin, 1918.
Lowe, John W., 1910.
Lucas, George H., 1911.
Lucas, Wilfred M., 1916.
Luedke, Archibald H., 1920.
Lunde, Percy, 1920.
*Lyman, Mrs. E. C. (See Durand), 1870.
Lyon, Bernice, 1919.
Lyon, Cora Esther, 1920.
Lyon, Ethel E., 1912.
Lyon, William Hinslea, 1913.
McAssey, Frank Helmer, 1897.
*McAssey, Mary Ann (Mrs. Pearse Pinch), 1875.
McClain, Robert Crawford, 1916.
McConnell, Mildred Morse, 1920.
McCray, Francis A., 1909.
McDermid, Jennie (Mrs. Frederick Burman), 1896.
*McDermid, Jessie, 1904.
McDermid, Mary (Mrs. Wm. B. Minton), 1895.
McDonald, Maude Marie, 1920.
McNicholas, Harry John, 1915.
MacNeill, Harold, 1911.
MacNeill, Samuel Melancthon, 1883.
McQueen, Isabella Margaret, 1896.
McQueen, Mary Jeanette, 1894.
McShepard, Mrs. J. W. (See Scribner), 1894.
Mader, Harry H., 1910.
Malone, Julian Yerkes, 1915.
Manaton, Cora M., 1911.
Manz, Linda Helen, 1918.
*Mapes, Ella Emogene (Mrs. R. W. Arnold), 1870.
Marchant, Wayne A., 1916.
Markert, Mrs. Carl (See Smith), 1913.
Marsh, Hannah, 1919.
Martin, Arthur John, 1914.
Mason, Claude Robert, 1917.
Mathisen, Mathilda, 1918.
Maynard, Fred, 1914.

- Maynard, Marian E., 1916.
Maunder, Jason Earl, 1918.
Maxwell, Margaret, 1920.
May, Jean Evelyn, 1918.
Meggers, William F., 1910.
Meier, Albert Guido, 1903.
Meier, Laura Angelica, 1903.
Melvin, Mrs. H. C. (See Johnston), 1916.
Mercer, Arthur James, 1892.
Mercer, Ernest Henry, 1893.
Merrell, Edith Blackman (Mrs. W. R. Davis), 1901.
Merrell, Edna H., 1908.
Merrell, Mrs. E. H. (See Clark), 1877.
Merrell, Edward Tracey, 1886.
*Merrell, George C., 1905.
Merrell, Julia H. (Mrs. H. D. Davies), 1904.
Merrell, Maude Lincoln (Mrs. B. H. Brown), 1886.
Merrifield, Mrs. W. W. (See Nohl), 1902.
Meshynski, Elizabeth Pelagia, 1913.
Meyer, Clarence E., 1919.
Meyer, Ella Elizabeth, 1891.
*Meyer, Frederic William, 1882.
Meyer, Mrs. F. W. (See Adams), 1882.
Middleton, Jennie Young, 1889.
Millard, William Barrett, D. D., 1891.
Miller, Albert Julian, 1875.
Miller, Eileen Agnes, 1912.
Miller, Ethel A., 1911.
Miller, Florence, 1918.
Miller, Mrs. Fred (See Du Vall), 1919.
Miller, Myrle Ann, 1911.
Miller, Vine, 1911.
Minton, Mrs. William B. (See McDermid), 1895.
Mitchell, Mildred Corrinne, 1901.
Mitchell, Sarah Clyde (Mrs. S. S. Morse), 1900.
*Miter, Henry Beeman, 1873.
Montague, Mary James (Mrs. H. H. Powers), 1882.
Mooney, Avis, 1911.
Mooney, Frank George, 1911.
Morgan, Clyde Spencer, 1915.
Morgan, D. Maldwin, 1917.
Morgan, Frank Theo., 1910.
Morgan, Grace (Mrs. Luther Davies), 1886.
Morgan, Neil Bristol, 1920.
Morgan, Ruby May, 1914, (Mrs. W. H. Davies).
Morely, Mrs. F. E. (See Collins), 1899.
Morris, Robert, 1897.
Morrison, Mrs. A. (See Jones), 1911.
Morse, Carrie Zettie, 1901.
Morse, Caroline Madge (Mrs. Decker), 1903.
Morse, Chester B., 1905.
Morse, Cora Eugenie (Mrs. F. E. Volk), 1906.
Morse, Edna L., 1917.
Morse, Edward W. B., 1920.
Morse, Elmer Addison, 1893.
Morse, Harriet J. (Mrs. W. Newcomb), 1909.
Morse, Mace, 1911.
Morse, Mary Eliza (Mrs. W. M. Short), 1894.

- Morse, Olivia A., 1920.
Morse, Roy Lewis, 1894.
Morse, Samuel Smith, M. D., 1899.
Morse, Mrs. S. S. (See Mitchell), 1901.
Morson, Theron Douglas, 1918.
Mosher, Lovila Margaret, 1881.
Mosher, Orville Watson, 1879.
Mouat, Grace, 1886.
Munsell, Lottie, 1898.
Murray, Bessie, 1915.
Murray, Edna Rosina, 1909.
Murray, Mrs. W. B. (See Barlow), 1907.
Murrish, Thomas Smith, 1913.
*Mutch, Helen (Mrs. H. A. Clarke), 1910.
Mutch, James Clarence, 1912.
Mutch, Martha Jean (Mrs. H. M. Wick), 1915.
*Nelson, Jens, 1916.
Newcomb, Arthur William, 1896.
Newcomb, Morton M., 1906.
Newcomb, Mrs. M. M. (See Sanford), 1905.
Newcomb, Mrs. W. (See Morse), 1909.
*Newschwander, Edgar S., 1904.
Newton, Mamie Lucilda (Mrs. J. Swearingen), 1892.
Nickodem, Frank M., 1911.
Niskern, Perry, 1877.
Nohl, Emelie (Mrs. George Kreutzer), 1887.
Nohl, Wanda Laurie (Mrs. W. W. Merrifield), 1902.
Nohr, Alma Helen (Mrs. H. M. Church), 1913.
Nordvi, Mrs. Geo. H. (See Dunbar), 1891.
Northrup, Alonzo Rosseil, 1877.
Nothnagel, Emma, 1919.
Nothnagel, Frederick, 1918.
O'Connor, Gordon Francis, 1913.
O'Donnell, Clare, 1916.
O'Neil, Ellen May, 1918.
O'Neil, Barrett William, 1897.
Oakby, J. A., 1917.
Oakby, Mrs. J. A. (See Pritchard), 1917.
Oeder, Frances Marie, 1920.
Older, Margaret Abiah, 1901.
*Olds, Rosa Emeline (Mrs. W. M. Bristoll), 1870.
Oliver, Elmer Rufus, 1897.
Oliver, Mrs. E. R. (See Lewis), 1897.
Orvis, William E., 1916.
Orvis, Mrs. Wm. (See Hill), 1918.
Osgood, Ruth (Mrs. Ira P. Denning), 1911.
Ostrom, Johan Oscar, 1892.
Otis, Glenn Raymond, 1912.
Owen, Humphrey William, 1912.
Owen, Jennie M., 1905.
Owen, Thomas John, 1908.
Owen, Nellie, 1910.
Owen, Richard William, 1916.
Owen, Robert Hugh, 1919.
Oyster, Leone, 1919.
Page, Benjamin Lawrence, 1918.
*Palmer, Victor Edwin, 1897.
Palmer, Mrs. V. E. (See Dennison), 1896.

- Pares, Mrs. Ed. (See Zobel), 1908.
Paluka, Frank Joseph, 1915.
Parker, Ira S., 1910.
Parrott, Mrs. F. (See Cleaver), 1883.
Pearsall, Mrs. I. A. (See Dickinson), 1894.
Pedrick, Samuel Marcellus, 1891.
Perkins, Mrs. C. M. (See Foote), 1907.
Peter, Lorraine, 1915.
Peters, Chauncey George, 1911.
Phelps, Isabella Holmes (Mrs. F. E. Gooding), 1889.
Phelps, Robert McEwen, M. D., 1880.
*Phillips, Merritt Welcome, 1884.
Piehl, H. C., 1911.
Piekarski, Frances, 1906.
*Pinch, Blanche Eliza, 1895.
*Pinch, John William, 1875.
Pinch, Pearse, 1875.
*Pinch, Mrs. Pearse (See McAssey), 1875.
Pinkerton, Henry Moody, 1897.
*Pinkerton, Myron Winslow, 1868.
Pleuss, Ida Margaretha (Mrs. Carl Cragoe), 1914.
Plummer, Ann, 1920.
Pond, Charles Merrills, 1873.
Potter, Doris Helen, 1916.
Powell, John A., 1905.
Powell, Mrs. John A. (See Sheldon), 1907.
Powers, Sarah Ellen (Mrs. J. H. Bradish), 1871.
Powers, Mrs. H. H. (See Montague), 1882.
Pray, Perry Sheldon, 1912.
Preston, Robert P., 1914.
Preston, Robert Elliott, 1914.
Preston, William Hall, 1915.
Price, Mrs. W. F. (See Batson), 1875.
Pritchard, Edith (Mrs. J. A. Oakby), 1917.
Prout, Sadie M., 1909.
Pyper, Mrs. John (See Collins), 1907.
Rankin, Mrs. A. W. (See Sherwood), 1875.
Rawlings, Mabel Eva, 1906.
*Reed, Clinton V., 1910.
Reed, Jesse M., 1910.
Reeseburg, Walter John, 1909.
Reichmuth, Augusta L., 1905.
Reichmuth, Carl H., 1920.
Reichmuth, Erwin F., 1916.
Richardson, Elizabeth, 1906.
Richardson, Newton P., 1908.
Ripley, Edwin Arthur, 1898.
Roberts, David Kendrick, 1901.
Roberts, Edward Jerome, 1880.
Roberts, Edward S., 1916.
Roberts, John R., 1916.
Roberts, Moses Thomas, 1920.
Roberts, Robert Thomas, D. D., 1879.
Rock, Byron James, 1914.
Rock, Mrs. Byron J. (See Graham), 1917.
Roeske, Margaret, 1919.
Rogers, Fred W., 1873.
*Rogers, Harriet Jessup, 1880.

- Ronne, Belva L., 1910.
Rosenthal, Edgar Phillip, 1913.
Rossin, Benjamin A., 1920.
Rottman, Clarence James, 1913.
Rottman, Ruth Lillian (Mrs. Chas. Boyd), 1914.
Rottman, Shirley (Mrs. Marvin Williams), 1917.
Roy, Jeanne (Mrs. Glenn Whittet), 1913.
*Rountree, John Southworth, 1895.
Rueping, Frank, 1914.
Rummele, Dorothy, 1919.
Runals, Mrs. Guy (See Cunningham), 1911.
Runzheimer, Rufus, 1919.
Runzheimer, Mrs. R., 1918.
Russell, Carl P., 1916.
Russell, Guy A., 1911.
Russell, Ira Adams, 1901.
Russell, Maude M., 1917.
Russell, Mrs. Jas. A. (See Holthoff), 1911.
Rust, Albert Franklin, 1871.
Sainsbury, Wm. C., 1917.
*Salisbury, Susan Ann Wright, 1867.
Sanders, Frank Knight, D. D., Ph. D., 1882.
Sanford Frances F., (Mrs. S. Corey), 1909.
Sanford, Nellie D. (Mrs. M. M. Newcomb), 1905.
Sargent, Adelaide Amanda (Mrs. J. L. Gibbs), 1875.
*Sargeant, Marian Amoret (Mrs. Williams), 1887.
*Savage, Elvin Berry, 1882.
*Savage, John Wait, 1876.
Schaar, Adele Fredericka, 1913.
Schaar, Arthur E., 1910.
Schaper, Lydia Lenore (Mrs. L. B. Clark), 1911.
Schiek, Mrs. Benj. (See Thomas), 1911.
Schmidt, Marvin Leland, 1919.
Schmudlach, Meta Emma, 1920.
Schneller, Leonard G., 1908, M. A. 1910.
Scholes, Samuel Ray, 1905.
Schultz, Lola D., 1919.
Schwefel, Lillian E., 1918.
Scott, Mrs. Thos. (See Jones), 1913.
Scribner, Charles Hosmer, M. D., 1886.
Scribner, Eliza Ruth (Mrs. J. W. McShepard), 1894.
*Scribner, Sarah Ellen, 1872.
Seaman, Hortense, 1919.
Searle, Ray Edwin, 1914.
Searle, Victor Jesse, 1918.
Selden, Fred Locatus, 1894.
Selden, Vernon, 1916.
Severson, Inga Amanda, 1919.
Severy, Mrs. H. A. (See Bumby), 1908.
Seuerian, Arshag, 1918.
Shafer, Robert Albert, 1913.
Shaver, Mrs. E. L. (See Griffiths), 1909.
Shaw, Florence M., 1917.
Shaw, Hiram Hopkins, 1881.
Shaw, Marian, 1916.
Shaw, Raymond C., 1919.
Sheehan, Mrs. J. T. (See Williams), 1887.
Sheerar, Frank Beals, 1897.

- Sheldon, Nina M. (Mrs. John A. Powell), 1907.
*Shepard, Martha Albina, 1872.
Shepard, Lee, 1917.
*Sherman, Mrs. Erminine Rawling, 1910.
*Sherman, Louis Mead, 1886.
*Sherman, Sara Jane (Mrs. Chas. W. Headley), 1878.
Sherwood, Jean Caroline (Mrs. A. W. Rankin), 1875.
Sherwood, Robert Griffin, 1908.
Short, Mrs. W. M. (See Morse), 1894.
*Shortt, Chester Arthur, 1915.
Shortt, Wilbur John, 1920.
*Shoemaker, Margaret Blandenia, 1872.
Shuart, Rena B., 1910.
Silver, Edith, 1918.
Sims, Morrison, 1916.
Sizer, William Jabez, 1909.
Skidmore, Lewis Herbert, 1906.
*Slater, Ella Mary, 1878.
Smith, Annah Miriam (Mrs. F. Finsterbach), 1870.
Smith, Carey K., 1909.
Smith, Cora Davis, 1916.
Smith, Edwin Jefferson, 1914.
*Smith, Ernest George, 1909.
Smith, Helen Annette (Mrs. Carl Markert), 1913.
Smith, Margaret Helen, 1915.
Smith, Wilbert L., 1910.
Sorenson, Ray Albert, 1913.
Sparks, Mrs. Wilbur (See Bloom), 1904.
*Spencer, Mary Frances (Mrs. C. C. Thayer), 1867.
Spooner, Jessie Ellen, Mrs., 1896.
Stadler, Joseph C., 1920.
Steele, George Monroe, M. D., 1869.
Stelter, Albert H., 1912.
Stemen, Russell, 1919.
Stewart, Dorothy Delight (Mrs. Wm. Iverson), 1918.
Stewart, James Russell, 1904.
Stewart, William John, 1900.
Stickle, Ellen Amelia (Mrs. G. J. Harris), 1892.
Stickle, Emilie May (Mrs. F. Friedman), 1892.
*Strong, Abbie Augusta, 1878.
Strong, Louis Kossuth, 1876.
Sutherland, Alfred DeLoyd, 1913.
Sutherland, Daniel DeLloyd, 1883.
Sutherland, Ethel, 1911.
Sutherland, Margaret May, 1894.
Sutherland, Roger A., 1919.
Suydam, Mrs. V. A. (See Davis), 1904.
Swartz, Harry Albert, 1913.
Swearingen, Mrs. J. (See Newton), 1892.
Sweet, Carol Eloise, 1914.
Swetland, Joseph E., 1910.
Swift, Lee, 1886.
Taintor, Jesse Fox, 1873.
Taintor, Kathrene Knapp (Mrs. H. B. Haun), 1919.
Taintor, Mary Buckley, 1911, M. A. 1916.
Talbot, Jessie, 1909.
Tasche, Ruth V., 1917.
Taylor, William Halvor, 1913.

- *Thayer, Mrs. C. C. (See Spencer), 1867.
Thomas, Alvira (Mrs. R. Runzheimer), 1918.
*Thomas, Benjamin Franklin, 1874.
Thomas, David, 1906.
Thomas, Jessie (Mrs. Benj. Schiek), 1911.
Thomas, John Rogers, 1901.
Thomas, Lester Frank, 1914.
*Thompson, Albert Eugene, 1870.
Thompson, Beryl Beatrice (Mrs. H. A. Arpin), 1911.
Thompson, Bernard, 1918.
Thompson, Leonard N., 1911.
Thompson, Paul Jennings, 1898.
Thompson, Ruth, 1908.
Thompson, William Hill, 1905.
Tilson, Mrs. E. S. (See Elwell), 1873.
Tinkham, Clayton H., 1920.
Toll, Edward, 1918.
Tompkins, Gilbert H., 1908.
Turner, Mrs. J. M. (See Chittenden), 1869.
Toombs, Helen P., 1908.
*Tracy, James Horace, 1868.
Treonore, Lenora, 1919.
Treille, Marguerite, 1919.
Utgard, Carl W., 1912.
*Utter, Gertrude M. (Mrs. Charles W. Holbrook), 1905.
Vandervelde, Aimee Jeanette, 1917.
Vandervelde, Bartholomew, 1906.
Vandervelde, Mrs. B. (See Kellogg), 1906.
Vandervelde, Conrad, 1904.
Van Kirk, Ruth Evelyn, 1914.
Volk, Fred Eugene, 1906.
Volk, Mrs. F. E. (See Morse), 1906.
Wachler, Leonard August, 1920.
Walls, Charlotte, 1916.
Warner, Lyman Herschell, 1875.
Webster, Edwin White, 1919.
Weeks, Mary Elvira, 1913.
Wegel, Arthur Henry, 1914.
Wegel, Raymond L., 1910.
Weir, Robert A., 1910.
Weisender, Arthur J., M. D., 1905.
*Weiss, George Carl, 1886.
Weller, Eva Florence, 1917.
Wendt, William T., 1917.
Wensink, Delmar D., 1916.
Werfelman, William Francis, 1911.
West, L. B., 1908.
Wheeler, May Curtis, 1890.
White, Frank Newhall, D. D., 1878.
White, Harold Martin, 1911.
Whitfield, Catherine, 1920.
Whiting, Albert Jay, 1881.
Whittet, Mrs. Glenn (See Roy), 1913.
Wilcox, Harmon Monroe, 1872.
*Williams, Mrs. (See Sargeant), 1887.
Williams, Bernard, 1918.
Williams, Emma Marie (Mrs. J. T. Sheehan), 1878.
Williams, Florence Blaine, 1915.

- Williams, John E., 1913.
 Williams, John J., 1917.
 Williams, Marvin John, 1916.
 Williams, Mrs. Marvin (See Rottman), 1917.
 Williams, Owen Robert, 1907.
 Williams, Robert E., 1920.
 Williams, Robert L., 1905.
 *Williams, Mrs. R. L. (See Clawson), 1904.
 Williams, William Daniel, 1900.
 Wills, Sarah E. (Mrs. J. R. Edwards), 1907.
 Wilson, Edward Herbert, 1910.
 Wilson, Frances Gage, 1918.
 Winchester, Ralph Edward, 1910.
 *Wolff, Ida, 1897.
 Wright, Luther Lampheare, 1877.
 Wyman, Earl, 1917.
 Yahr, Edmund A., 1909.
 *Yeomans, Charles Howard, 1871.
 *Young, Henry Archibald, 1898.
 Young, Robert V., 1912.
 Zemlika, Frances, 1918.
 Zerler, Edward E., 1918.
 Zinzow, William A., 1915.
 Zobel, Edgar H., 1907.
 Zobel, Erna I. (Mrs. Emmons Leutscher), 1910.
 Zobel, Julius H., 1918.
 Zobel, Lillian A., 1914.
 Zobel, Lola (Mrs. Ed. Pares), 1908.
 Zobel, Louise, 1911.
 Zobel, Otto Julius, 1909.
 * Deceased.

Graduates of the School of Music

1911

- Florence Alona Hungerford (Mrs. John G. Penn), Detroit, Mich.
 Certificate Public School Music.
 *Francis Emery Stuart.
 Certificate Public School Music.
 Jessie Harriet Trotter (Mrs. C. C. Bailey), Eureka, Kansas.
 Certificate Public School Music.

1912

- *Frances Emery Stuart.
 Diploma Vocal Department.

1913

- Alice Evelyn Foster (Mrs. Walter C. Butler), Chicago, Illinois.
 Diploma Piano Department.
 Helen Annette Smith (Mrs. Carl Market), Braidwood, Illinois.
 Certificate Public School Music.
 Jessie Harriet Trotter (Mrs. C. C. Bailey), Eureka, Kansas.
 Diploma Vocal Department.
 Florine Mae Weimer (Mrs. Albert Stelter, Jr.), Vassar, Mich.

1914

- Mary Edna Butler, Montello, Wisconsin.

- Certificate Public School Music.
Nina Marie Faustman (Mrs. Carl F. Michel), 1431 Cass St.,
La Crosse.
Certificate Public School Music.
Clara Kaiser, Ripon, Wisconsin.
Certificate Public School Music.
Jennie Isabel Safford (Mrs. Quincy H. Danfurth), Omro, Wis.
Diploma Piano Department.
Frances Luella Savage (Mrs. Daniel Holterman), Waupun, Wis.
Diploma Piano Department.
Irene Elsie Smith (Mrs. Percy W. Nickless), Paw Paw, Mich.
Certificate Public School Music; Diploma Piano Department.
Helen Louise Sniffen (Mrs. Herbert E. Fritschel, Milwaukee,
Wisconsin.
Certificate Public School Music; Diploma Vocal Department.
Litta Marie Stone, Gilbert, Minnesota.
Certificate Public School Music.

1915

- Helen Louise Barnum, Clintonville, Wisconsin.
Certificate Public School Music.
Alma Berger (Mrs. George Clarence Brown), Two Rivers, Wis.
Certificate Public School Music.
Mary Ruth Harkes, Coal City, Illinois.
Certificate Public School Music.
Minnie Ellena Peterson, Rapid River, Michigan.
Degree Bachelor of Music, Piano and Vocal Departments;
Certificate Public School Music.

1916

- Blanche Baudette (Mrs. C. Sharron), Munising, Michigan.
Certificate Public School Music.
Ethel Bryant, Antigo, Wisconsin.
Diploma Piano Department.
Edythe West Currie (Mrs. A. W. Bollenbeck), Milwaukee, Wis.
Diploma Piano Department; Certificate Public School Music.
Mabel Lucile Krebs (Mrs. Anton O. Iverson), Sheboygan, Wis.
Diploma Violin Department.
Natalie Wilber (Mrs. Clayton Cary), Milwaukee, Wisconsin.
Certificate Public School Music.

1917

- Clara Elizabeth Anderson, Ripon, Wisconsin.
Diploma Piano Department.
Stella Cain, Elkhart Lake, Wisconsin.
Certificate Public School Music.
Marguerite Cease (Mrs. D. G. Leete), Lansing, Michigan.
Diploma Piano Department.
Catherine Hargrave, Edgeley, No. Dakota.
Diploma Piano Department.
Clara Kaiser, Ripon, Wisconsin.
Diploma Vocal Department.
Alica Marie Kingsbury (Mrs. G. Carleton Story), Ripon, Wis.
Diploma Piano Department; Certificate Public School Music.

Lucile Florentine Mueller, Alma Center, Wisconsin.

Certificate Public School Music.

Ruth Murray, Ripon, Wisconsin.

Certificate Public School Music.

Agnes Mary Page, Ripon, Wisconsin.

Diploma Piano Department; Certificate Public School Music.

1918

Marion Bradley (Mrs. A. L. Birch), 1306 Grand Avenue, Milwaukee, Wisconsin.

Certificate Public School Music.

Zella Schultz, Ripon, Wisconsin.

Certificate Public School Music.

Jennie Wensink, Randolph, Wisconsin.

Certificate Public School Music.

1919

Mary Juanita Davies, Wild Rose, Wisconsin.

Certificate Public School Music.

1920

Hildreth Laurette Nienstedt, Ripon, Wisconsin.

Certificate Public School Music.

Bernice Elizabeth Scobie, Ripon, Wisconsin.

Certificate Public School Music.

Mary Juanita Davies, Wild Rose, Wisconsin.

Diploma Piano and Theory.

Viola Hildena Shave, Ripon, Wisconsin.

Bachelor of Music.

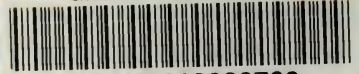
* Deceased.

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